

**FALL TERM 2011 SCHEDULING INSTRUCTIONS**  
**FOR UP-TO-DATE information visit the web at**  
[http://www.union.edu/CSCHEM\\_PUBLIC/11.FA.html](http://www.union.edu/CSCHEM_PUBLIC/11.FA.html)

**For Book cost(s) go to Union College Bookstore <http://bookstore.union.edu/>**  
 click on the link for "TEXTBOOKS"

The 2011-12 Academic Register contains full descriptions of courses as well as information on pre-requisites. Additional course descriptions may be found within this document.

**COURSE NUMBERING SYSTEM:** Courses numbered 0-49 carry no credit. Courses numbered 50-99 are designated for General Education or do not count for the major. Courses numbered 100-199 are all introductory level offerings. Courses numbered 200-299 are those at the sophomore/junior level that may also be taken by non-majors. Courses numbered 300-399 are upper-level that are primarily intended for majors, i.e., which represent the depth component of the major. Courses numbered 400-499 are all advanced level courses for seniors, including those used to fulfill the Senior Writing Experience (WS), seminars, research, thesis and independent studies.

**Classes Begin** ..... Wednesday, Sept 7<sup>th</sup>  
 Off Campus & Commuter Student Data Verification at Silliman Hall ..... Wed, Sept 7<sup>th</sup> – Fri, Sept 9<sup>th</sup>  
**(Late Fee of \$100 charged after the 9<sup>th</sup> for failure to verify personal data)**

**Schedule Changes:**

Last Day without permission ..... Tuesday, Sept 13<sup>th</sup>  
 Last day to finalize schedule without a **\$100.00** late fee ..... Tuesday, Sept 13<sup>th</sup>  
 Last Day with written permission of instructor ..... Tuesday, Sept 20<sup>th</sup>  
 Withdraw from Course:        Last Day without a "W" ..... Tuesday, Sept 20<sup>th</sup>  
    Last Day with a "W" ..... Tuesday, Nov 1<sup>st</sup>  
**(After this day "F" on Transcript)**

Pass/Fail Option: Last Day to place request ..... Tuesday, Sept 27<sup>th</sup>  
 Winter Term Course Schedule available on the web (tentative) ..... Friday, Oct 7<sup>th</sup>  
 Prescheduling Materials Available at Silliman Hall for **First-Year Students** ..... Monday, Oct 10<sup>th</sup>

**All other classes: log on to Web Advising for Prescheduling Time.**

Faculty Academic Advising ..... Monday, Oct 10<sup>th</sup> – Thursday, Oct 27<sup>th</sup>  
 Petition Course Sign Up ..... Saturday, Oct 15<sup>th</sup> – Tuesday, Oct 18<sup>th</sup>  
 Faculty Review & Approval ..... Wednesday, Oct 19<sup>th</sup> – Monday, Oct 24<sup>th</sup>  
 Petition Acceptance ..... Tuesday, Oct 25<sup>th</sup> – Wednesday, Oct 26<sup>th</sup>  
 Prescheduling Appointments ..... Friday, Oct 28<sup>th</sup> – Thursday, Nov 3<sup>rd</sup>  
 Last Day to preschedule for winter 2012 courses ..... Friday, Nov 11<sup>th</sup>  
 Classes End ..... Tuesday, Nov 15<sup>th</sup>  
 Exams Begin ..... Thursday, Nov 17<sup>th</sup>  
 Exams End ..... Tuesday, Nov 22<sup>nd</sup>

## General Education Requirements

The objectives of Union's General Education curriculum are posted at:  
[http://www.union.edu/Resources/Academic/advising/gen\\_ed/learning\\_outcomes.php](http://www.union.edu/Resources/Academic/advising/gen_ed/learning_outcomes.php)

**Part A: Core**

**First-Year Preceptorial and Sophomore Research Seminar**

- First-year students will be assigned to an FPR section one term during their first year.

- In spring of their first year, students will express their preferences for their SRS section, and will be assigned to an SRS in one term during their sophomore year. (Note that Union Scholars take their Scholars Research Seminar in their first year.)
- Neither FPR nor SRS will be credited toward any major or minor.

### **Part B: Distribution**

Students are encouraged to select courses in Part B (Distribution) which help them build a cluster (Part C). Overlap between Parts B and C is allowed and encouraged.

#### **Social Sciences (1)**

- Any course listed in a Social Sciences department (Anthropology, Economics, History, Political Science, & Sociology) or PSY-100 will satisfy the Social Sciences distribution requirement.

#### **Humanities (2) one must be a literature course.**

- Any course listed in a Humanities department (Classics, English, Modern Languages, Music, Philosophy, Theater and Dance, Visual Arts) will satisfy the Humanities distribution requirement.
- Any English or MLT course will satisfy the literature requirement.
- Any *other* course carrying the “HUL” (Humanities – Lit) designation will satisfy the Literature requirement under the Humanities distribution requirement.

#### **Linguistic and Cultural Competency (2)**

- Two courses to demonstrate Linguistic and Cultural Competency. This requirement can be satisfied in one of three ways:
  - a sequence of two courses in one foreign language at level 101 or higher
  - any two courses designated “LCC”
  - term abroad courses (including international and the Community Service and Civil Rights mini-terms)

#### **Quantitative and Mathematical Reasoning (1)**

- One course to demonstrate quantitative and mathematical reasoning includes courses in the Math department or those offered in any other department carrying the “QMR” designation. Note that Math 100 alone does not fulfill the requirement; it must be taken with Math 101 to satisfy QMR.

#### **Science and Technology (2)**

- One course in natural sciences, with lab, listed as “SCLB”
- One course selected from the following categories:
  - a second science course (need not have a lab)
  - a course from engineering or computer science, to foster understanding of technology
  - a team-taught ID course (including at least one faculty from Division 3 or 4), with significant science or engineering content, about the impact of science and/or technology on the human world, listed as “SET” (Science/ Engineering/ Technology).

### **Part C: Connections across Disciplines (Clusters)**

- Clusters prompt awareness of interdisciplinary connections by requiring students to take three courses in an approved cluster, from at least two different departments. Students may automatically satisfy the Cluster requirement by completing either a major or a minor in any interdisciplinary or organizing theme program. Students are permitted to include one course from the department of their major (one from each department if they are interdepartmental or double majors).
- Beginning in 2011-12, students may also work with their advisors to create a Student-Organized Clusters (STOC). A STOC should follow the normal guidelines for clusters: courses which relate to a common theme from two or more departments, no more than one from the department of the major (one from each department for interdepartmental or double majors). Note that the STOC should be defined, and approved by the student’s advisor, by the end of the junior year.
- Information about clusters, including the list of approved clusters and the STOC may be found at: [http://www.union.edu/Academics/id\\_studies/clusters/](http://www.union.edu/Academics/id_studies/clusters/)

- A list of recognized ID programs and the OT program may be found at:  
[http://www.union.edu/Resources/Academic/id\\_studies/index.php](http://www.union.edu/Resources/Academic/id_studies/index.php)

**Declaration of Cluster:** Students should indicate how they plan to complete the cluster requirement no later than the end of their sophomore year. This can be done through the Web Advising system (<https://webadvising.union.edu>) through a drop-down menu on the Cluster Selection page. Students may change their choice at any time. Note that students may opt for the student-organized cluster, and have until the end of the junior year to have their course selection approved by their advisors. Advisors will see the student’s cluster choice listed under the major and minor information on their Web Advising screen.

**Writing Across the Curriculum (WAC):** There are three components of WAC built into your curriculum. The first is in Part A of the Gen Ed curriculum above (First-Year Preceptorial and the Sophomore (or Scholars) Research Seminar). The second is enrolling in at least five courses (in two different divisions) designated “WAC.” The third is a capstone senior writing experience (thesis or research seminar, designated WS), generally done as part of your major. More information about writing is at: <http://www.union.edu/Resources/Academic/WAC/>

## **GenEd COURSES: FALL 2011**

**Note that CSC-10x courses can be used to satisfy either QMR or SET, but not both.**

### **QUANTITATIVE AND MATHEMATICAL REASONING (QMR)**

The following courses designated “QMR” will develop your quantitative skills.

CSC-103	Computational Science W/Lab	QMR
CSC-104	Robots Rule w/lab	QMR
CSC-109	Comp Programming for Eng	QMR
MTH-054	Number Theory	QMR
MTH-055	Ancient Greek Mathematics	QMR
MTH-110	Calculus 1	QMR
MTH-113	AP Calculus	QMR

### **SCIENCE / ENGINEERING / TECHNOLOGY (SET)**

The courses listed below are designated “SET.” Students are reminded that any science or engineering course, whether for major credit or not, with or without lab, will satisfy this part of the distribution requirements.

BNG-101	Graphis & Imagine Process W/Lab	SET
CSC-055	Working with the Web	SET
CSC-103	Computational Science W/Lab	SET
CSC-104	Robots Rule w/lab	SET
CSC-109	Comp Programming for Eng	SET
CSC-118	Computer and Logic Design	SET
ECE-118	Computer and Logic Design	SET
ENS-247	Sustainable Infrastructure	SET
ESC-100	Exploring Engineering	SET

### **SCIENCE WITH LAB (SCLB)**

The following science courses with laboratory will satisfy the science with lab requirement. Note: Geology 100, 101, 102 and 107 are normally open to first and second year students only. Courses numbered in the 100s and below are all suitable for students seeking a Gen Ed course.

AST-051	Intro to Astronomy w/Lab	SCLB
BIO-101	Cells & Organisms w/Lab	SCLB
CHM-101	Intro Chemistry I W/Lab	SCLB
ENS-100	Intro to Environ Studies W/Lab	SCLB
GEO-100	Intro to Phys Geology w/lab	SCLB
PHY-120	Matter in Motion W/Lab	SCLB
PSY-211	Sensation & Perception W/Lab	SCLB

### **\*\*\*KEY TO ABBREVIATIONS\*\*\***

Y= Petition Course (a computer petition is required to register for course)

#### **Key to GenEd abbreviations:**

HUL	Humanities Literature	SET	Science/Engineering/Technology
LCC	Linguistic & Cultural Competency	WAC	One unit of writing credit
QMR	Quantitative & Math Reasoning	WS	Senior writing
SCLB	Science w/Lab	WAC/s	WAC or Senior Writing
SOCS	Social Science		

#### **Location Codes:**

BAIL	Bailey Hall	NWSE	North Wing, Sci & Engr Ctr
BEUT	Beuth House	OLDC	Old Chapel
BREZ	Breazzano house	OLIN	Olin Building
BUTR	Butterfield Hall	SORM	Sorum House
COLC	Reamer Campus Center Auditorium	STZH	Steinmetz Hall
ELAB	Engineering Lab	SWSE	South Wing, Sci & Engr Ctr
GCTR	Graduate College 80 Nott Terrace	TMC	Taylor Music Center
GOLB	Golub House	VART	Visual Arts Building
GREN	Green House	Vart -Dans	Dance Studio
HUMN	Humanities Building	Vart-Vas	Visual Art Studio
LIBR	Library	WLDC	Wold Center (new bldg)
LIPM	Lippman Bldg formerly SSCI	WOLD	Wold House
MEMC	Memorial Chapel	YULM	Yulman Theatre
MESA	Formerly Blue House		

### **MISCELLANEOUS NOTES**

**Practicum Courses – (Fees applicable)** One course credit is optionally available for participation after three terms of a practica: Ceramics, Choir, Dance, Ensembles, Instrumental lessons, Orchestra, Theater, and Vocal lessons. For full details regarding prerequisites, check the catalog or Departmental Offices.

**MULTIPLE SECTION COURSES/LABS: SPECIAL NOTE TO ALL STUDENTS SIGNING UP FOR COURSES WHICH HAVE MULTIPLE SECTIONS:** Due to the possibility of over and under enrollments

in certain sections of multiple section courses or lab sections, the Registrar's Office, at the request of department chairs, may switch students out of their originally scheduled courses in order to balance the sections.

**CROSS-REFERENCED COURSES** Students have the option of signing up for the course under one of the two department headings. If you have a question about the course, or if it is designated as a "petition" course, please see the department that is listed **second (the main course)**.

<u>Main Course</u>			<u>Main Course</u>		
ATH-140	Crossed with	ADA-140	ENS-252	Crossed with	GEO-252
BCH-380	Crossed with	BIO-380	HST-292	Crossed with	CSC-080
CSC-118	Crossed with	ECE-118	PSC 283	Crossed with	SOC-270
CSC-237	Crossed with	ECE-337	PSY-311	Crossed with	BIO-325
ENS-201	Crossed with	BIO-201	SOC-203	Crossed with	PSY-230

## Fourth Course Policy

The annual tuition at Union allows a student to register for three terms taking three courses per term. This allows students to complete the required 36 courses for graduation. In some Engineering programs as many as 40 courses may be required and those students are permitted to enroll in 10 courses per year. Under certain circumstances students may be allowed to take a fourth course in a term.

Students who are making satisfactory progress in their program of study are allowed to enroll in one fourth course during an academic year at no extra charge, provided they have a GPA of at least 3.3. These courses can be used to enhance the student's academic experience at Union. All such courses will appear on the transcript and can be used to fulfill program requirements; however, **they can not be used for the purpose of accelerated graduation**. (This includes fourth courses taken on a Term Abroad.)

Fourth courses can also be used to make up a deficiency in credits due to withdrawals or failure. A 4<sup>th</sup> course fee will be charged under these circumstances (for 2011-2012 the fee will be approximately \$3,190). Students whose GPA is below 2.5 will need the written permission from Dean Bidoshi before signing up for a fourth course.

All students, including engineering students, with the exception of Leadership in Medicine (LIM) and Scholar Students will be required to fill out the "Petition to Enroll in a Fourth Course" form. Forms are available on the web @ <http://www.union.edu/Resources/Academic/advising/forms/index.php> or at the Registrar's Office in Silliman Hall.

## CROSS REGISTRATION

**Please Note:** Union College and \*Union Graduate College are two separate Colleges. All graduate level courses taken by Union undergraduates, including Leadership in Medicine and Combined Degree students will be taken through Union Graduate College and will require completion of a special "Union Graduate College" Cross Registration Form. These forms are available in the Registrar's Office in Silliman Hall.

Cross Registration has been a service of the Member Institutions of the Hudson Mohawk Association since 1970, when the Association was chartered by the New York State Board of Regents. All full time matriculated students at Union are eligible to cross register in courses during the academic year offered at:

Adirondack Community College  
Albany College of Pharmacy  
The College of Saint Rose  
Empire State College  
Hudson Valley Community College  
Maria College  
Rensselaer Polytechnic Institute

Sage Colleges  
Schenectady County Community College  
Siena College  
Skidmore College  
Southern Vermont College  
SUNY/Albany  
\*Union Graduate College

The purpose of the cross registration program is to provide students the opportunity to study areas not represented by the offerings of their home college, at no additional tuition charge. In addition to general guidelines, each college has its own set of regulations, regarding cross-registration and students should make themselves aware of these for both their home campus and the campus they are visiting.

For more information contact Eileen Jarmul, Assistant Registrar (518)388-6015.

### \*\*\* DESCRIPTIONS OF COURSES NOT IN THE 2010-2011 ACADEMIC REGISTER \*\*\*

**AMU-018 Early Music Ensemble Practicum.** D. McMullen. The Early Music Ensemble, open to both singers and instrumentalists, is a music practicum devoted to the study and performance of music from the Medieval Ages through the Late Baroque. Participants will play on both modern instruments and reproductions of historic instruments, including the harpsichord, organ, and recorder. Through weekly rehearsals, individual practice, listening assignments, and concert attendance, performers will learn various approaches to articulation, phrasing, and other interpretive matters. Emphasis will be placed upon historical performance practices, as described in historical music treatises and other documents and as understood by scholars and performers today.

**BIO-314 Ornithology.** J. Bishop. Birds are excellent subjects to study all levels of biological organization, from biochemistry, and genetics through physiology to ecology and evolution. This course emphasizes the evolution, morphology, physiology, ecology, and conservation biology of avifauna. A conservation management perspective on birds will highlight proactive measure to maintain and restore bird populations.

**Prerequisite: BIO-102**

**EGL-404 Sr. Sem.: Literature and Drugs.** B. Kuhn. This course explores the role of drugs and drug use in modern Western literature. Beginning with arguably the first drug novel, De Quincey's *Confessions of an Opium-Eater*, we will consider four distinct periods in literary history: the Romantic movement (Coleridge, Byron, Keats), the French Symbolists (Baudelaire and Verlaine), the Beat Generation (Burroughs, Kerouac, Thompson, Wolfe), and contemporary literature (Easton Ellis, Marlowe, Welsh). We will look at the ways in which drugs make critical interventions in consciousness, culture life, and politics as well as the role they play in facilitating spiritual transcendence and creative production. **Petition required.**

**ENS-201/BIO-201 Food for a Planet.** R. Willing. See BIO-201 in Academic Register.

**FLM-202 Digital Filmmaking: From Story to Screen.** J. de Seve. This intensive hands-on class guides students from concept to finished film. Students practice the essentials of filmmaking technique, including storytelling, camera work, lighting, sound and editing. Students must be up for a challenging schedule and will make a film each week as they explore the nuts and bolts of moviemaking.

**FLM-311 The Personal Documentary.** J. de Seve. In this intensive hands-on class, students are offered the opportunity to explore their own stories while advancing their documentary storytelling skills. Students will produce four three-minute films and a final documentary project of eight minutes. In-class discussion, screenings and critiques play a critical role in the learning process for this workshop. This class is open to students with a prior filmmaking class or equal experience. Prerequisite: any film or video production class or permission of the instructor.

**FRN-432 Bord de Seine Stories: Living in Contemporary Paris.** S. Silvestre. Paris, “The City of Lights” has always been a literary topic and a source of inspiration in many arts such as cinema, music and painting. This course analyses the representation of the city of Paris and its infamous suburbs in the narratives of French, Francophone, and foreigner writers, filmmakers and artists, who have integrated the realm of the Capitale into their works. The goal of this course is to go beyond the source of inspiration and analyze how the city of Paris is actually part of a French identity, which transforms and transcends itself via its increasing diverse population. Therefore it is the contemporary vivre à Paris that interests us here and we will see how distinguished narratives offer a unique experience of Parisian living. We will see how Paris can be lived differently from one individual or one community to another, which highlights the disparities existing within the urban space. We will also try to explain how the myth of Paris has always been trying to defend its reputation by delimiting the city sociologically and geographically, in almost eclipsing or stigmatizing a certain part of its population (immigrants, blue collar workers, etc) as well as the suburbs, prompting artists, writers, and filmmakers to fight back by exposing the living reality of the people that also make Paris. **Prerequisites: Any 300-level French course or equivalent.**

**GEO-305 Biogeochemistry W/Lab.** D. Gillikin. Biology, geology and chemistry are intricately linked to form the world around us. John Muir was aware of this in 1911 when he wrote his famous quote “When we try to pick out anything by itself, we find it hitched to everything else in the Universe”. Biogeochemical cycles set the stage for life on Earth. This course explores the water, nitrogen, phosphorus, sulfur, and carbon cycles at the surface of the Earth. We investigate how biological (e.g., primary production, respiration), anthropogenic (e.g., urbanization, pollution) and geological processes (e.g., rock weathering) influence these chemical cycles. Field studies focus on tropical marine biogeochemistry of coral reefs, mangrove forests, sea grass meadows, lagoons, estuaries, hyper saline lakes, and tidal flats. Course includes a required weeklong field trip to the Bahamian Field station on San Salvador Island. **Petition Required.**

**HST-185 Modern Southeast Asia.** C. Gan. Does Aung San Suu Kyi stand a chance against the Burmese junta? Is Ho Chi Minh still relevant in a modernizing Vietnam? Why are Al Qaeda allies bombing targets in Indonesia, home of the world’s largest Muslim population? These are just a sampling of contemporary issues confronting Southeast Asia, a region that historically was and still is at the crossroads of ideas, trade, religions and conquering armies. While Southeast Asia is made up of diverse polities with their own unique stories, they have been exposed to common historical dynamics that have deepened regional commonalities. This course looks at European colonization and the indigenous response; the shaping of a modern colonial plural society; the effects of economic transformation; the evolution of indigenous women’s role; anti-colonialism and nationalism; the Japanese conquest in World War II; decolonization and the Cold War; the American experience in the Philippines and Vietnam; and nation-building. We will look not only at the histories of Burma/Myanmar, the Philippines, Indonesia, Thailand, Malaysia and Vietnam, but also at transnational themes.

**HST-385 Chinese diaspora in Southeast Asia.** C. Gan. Chinese merchants, workers and political refugees have taken the well-traveled trade routes to Southeast Asia over the past millennium—hitting a peak in the late colonial period—with significant numbers settling and assimilating (at different rates) in their host communities over time. Today, as citizens of post-colonial nations, they play key economic and political roles in these new states. But permanent migration was not always the reason for leaving China: many regarded themselves as sojourners. Apart from tracing the migratory patterns and the push/pull factors over the past centuries, the course looks at varying levels of assimilation over time and space; the question of identity and language; how these communities are organized in their 'host' states and the linkages with the homeland. It seeks to place the story of overseas Chinese within the complex interplay of Chinese, Southeast Asian and/or local histories. Students are expected to lead weekly discussions, write weekly responses, and turn in a 15-page paper.

**PSC-216 African Politics.** M. Angrist. This course introduces students to the essential political history and political dynamics of contemporary Sub-Saharan Africa. Topics covered include the processes through which the states of contemporary Sub-Saharan Africa emerged; the types of political systems that have evolved in these states; ethnicity and ethnic conflict in Africa; inter- and intra-state wars on the continent and their impact; the challenge of economic development in and securing prosperity for Africa; and gender and politics in Africa. **Prerequisite: PSC 111 or 112 or sophomore standing.**

**PSC-276 US Drug Policy.** P. Nicholas. The course provides a historical and contemporary examination of United States drug policy, and focuses on the public policies that address the non-medical consumption of opiates, cocaine, and marijuana (other criminalized substances will be discussed on a more limited basis). Learning objectives include the reasons why these drugs became illegal in the early to mid-1900s and what our nation's first public policies were. The second section of the course explores how drug policy became a more developed policy area with a large number of active participants including presidents, Congress, courts, government agencies, and interest groups, and ways they influenced the modern 'War on Drugs'. Along with policy-making, students will also become familiar with how governmental and societal groups implement laws through enforcement, treatment, and prevention programs. The course will note the successes and failures of drug enforcement at the federal level, and also assess public health approaches that certain states and local governments have adopted that differ. **Prerequisite: PSC 111 or 112 or sophomore standing.**

**PSC-278 The Politics of Food.** P. La Venia. This course critically examines the global agro-food system. In general terms, we will follow the commodity chain of food, beginning with food production and agriculture; move on to processing, transport and marketing; and then finally to the politics of food consumption and the rise of a "foodie" culture obsessed with chefs and food trends. **Prerequisite: PSC 111 or 112 or sophomore standing.**

**PSC-359 IR Seminar: Human Rights.** T. Lobe. The international system has transformed from a world of states, to one of nation-states, to one more insistently focused on human rights of all peoples and individuals. This course mixes a basic historical and theoretical investigation of these contested categories of "human" and "right", using examples of political, social, cultural and aesthetic dimensions of claims made in these terms. What are humans, and what counts as "rights"? What are the foundations of rights claims? And what are the legal, political, non-violent, and violent ways of advancing, defending and/or enforcing those claims? The course examines the documents, instruments, and institutions of the human rights movement, and determine how important the human rights movement from its battles against Nazi and fascist policies to communist police state rule to right-wing military and authoritarian dictatorships are analyzed; torture, from ancient times to Guantanamo and Abu Ghraib is examined; so-called humanitarian interventions and the responsibility to protect (from Somalia and Bosnia to Haiti, Darfur, Iraq, Afghanistan and now Libya) are examples to evaluate; and the efficacy of truth commissions and War Crimes Trials are debated. Finally, the course requires us to determine the challenges ahead for the human rights movement, in confronting terrorism, the communications revolution, globalization, and other changes in the world system. **Petition required. WAC.**

**PSY-402 Honors Seminar.** Honors Colloquium. J. Hart & C. Chabris. A one-credit course running the full academic year, open to sophomore, junior and senior qualified students. Limited enrollment, students will be recommended for the course by faculty. Each year's topics will be chosen by the supervising faculty members. Students will meet regularly to discuss readings pertaining to the topic and speakers. About seven to ten speakers with expertise in the chosen area will be invited to discuss their work with students. **Petition required.**

**REL-255 Religion, the Body, and Sexuality.** O. Solovieva. Is the body a temple of God, a sacred mandala that channels the energies of bliss and wisdom—or is it an impure vessel, a dangerous beast out of control, a prison for the soul? Are female bodies less conducive to spiritual attainments, or are they the most perfect images of the divine? Would having sex diminish one's spiritual powers and religious standing or enhance them? If you're looking for answers in the history of religion, the answer to all of those questions is "YES!". Although the body and its sexual experiences are "natural" on some level, they also are historical constructs which are steeped in imagination of—and must be interpreted within—particular cultures and societies. Throughout human history religious traditions imagined, represented, and utilized human embodiment and sexuality in a variety of ways. In this course we will examine some of these diverse constructions through the study of texts, visual art, and ritual practices of selected traditions such as Tantric Buddhism, Christianity, Graeco-Roman religions, and religions of Mesoamerica. The issues explored in this course include constructions of embodiment, sexuality and gender; theories of erotic desire; relationship between sex and power; and transformative possibilities of sex and sexual renunciation.

**SPN-315 Memory, Reality & Representation in Spanish Film since 1950.** G. Ignizio. Since the 1990s, Spanish cinema has entered a global film market, bringing representations of Spain and its people to audiences inside and outside the Iberian Peninsula. This course consists of a critical overview of various filmmakers, who have interpreted contemporary Spanish culture and society from multiple angles, and their audiovisual works. By analyzing Spanish film from the last half of the 20<sup>th</sup> century and the beginning of the 21<sup>st</sup> century, we will explore questions such as women's roles in contemporary society, immigration and exile, globalization, and experiences of war and violence. Students will be asked to consider the cultural productions in conjunction with readings on current events affecting Spain, social issues in the country, and theoretical approaches of Spanish film. The goals of the course, in addition to acquainting majors and minors with contemporary Spanish cinema, include sharpening critical thinking skills and approaching movies as artistic texts.

**SPN-335 Spanish Language & Culture for the Medical Professions.** P. Moyano. This course is designed for students planning to work in the health care field and who want to acquire more skills in medical Spanish. We will develop new critical perspectives on health care for Hispanics in the US. Specifically, we will develop medical language skills and cultural competency for health care situations as well as review important grammatical features

**SPN-408 Art & Politics in Spain.** P. Moyano. This course will examine the impact of the Spanish Civil War (1936-1939) and "La Transición" (from dictatorship to democracy – after Franco's death in 1975) on Spanish Society and culture as manifested in its artistic production, particularly its literary one. It will investigate the narrative of the postfrancoist years in relation to issues raised by postmodernism: genre, "high" culture/"low" culture, feminism, the canon, and fragmentation. Most specifically, it will focus on how the literature of dispersion and transgression and the subversive discourses of contemporary filmmakers are symptomatic of the postfrancoist climate in Spain.

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
<b>Africana Studies</b>							
AFR-100-01	Intro to Africana Studies		LIPM 016+	MWF 01:50PM 02:55PM	Hill-Butler, D.	LCC	1.00
AMU-132-01	History of Jazz		TMC 120+	MWF 03:05PM 04:10PM	Olsen, T.	LCC	1.00
EGL-219-01	African-American Lit 1900- Present		BAIL 207+	MW 03:05PM 04:45PM	Lynes, K.	LCC/WAC	1.00
FRN-304-01	Studies in French Caribbean		NWSE 210+	MWF 01:50PM 02:55PM	Silvestre, S.	HUL/LCC	1.00
HST-171-01	Europe & Americas: Columbus Era		WLDC 128+	MWF 09:15AM 10:20AM	McIntyre, K.	LCC	1.00
HST-201-01	Contemporary Africa		LIPM 101+	TTH 01:55PM 03:40PM	Peterson, B.	LCC	1.00
HST-315-01	Race and the Constitution	Y	LIPM 010+	TTH 10:55AM 12:40PM	Aslakson, K.		1.00
PSC-216-01	African Politics		NWSE 116	TTH 01:55PM 03:40PM	Angrist, M.P.		1.00
<b>American Studies</b>							
AAH-208-01	The Business of Visual Art	Y	VART 215+	TTH 01:55PM 03:40PM	Cox, L.	LCC	1.00
ADA-140-01	Amer Musical Theater & Dance		VART 215+	TTH 09:00AM 10:45AM	Moutillet, M.		1.00
AFR-100-01	Intro to Africana Studies		LIPM 016+	MWF 01:50PM 02:55PM	Hill-Butler, D.	LCC	1.00
AMS-498-20	American Studies Sen Thesis 1		TBA		Staff		0.00
AMS-499-20	American Studies Sen Thesis 2		TBA		Staff	WS	1.00
AMU-132-01	History of Jazz		TMC 120+	MWF 03:05PM 04:10PM	Olsen, T.	LCC	1.00
ATH-140-01	Amer Musical Theater & Dance		VART 215+	TTH 09:00AM 10:45AM	Moutillet, M.		1.00
CLS-151-01	Ancient World in Film & Lit		OLIN 115+	MW 03:05PM 04:45PM	Rauci, S.	LCC	1.00
			OLIN 115+	W 06:30PM 09:00PM			
ECO-339-01	Public Finance		LIPM 017+	MW 03:05PM 04:45PM	O'Keefe, M.		1.00
EGL-100-01	Intro to Study of Lit: Poetry		HUMN 014+	TTH 09:00AM 10:45AM	Murphy, J.	WAC	1.00
EGL-100-02	Intro to Study of Lit: Poetry		HUMN 008+	MWF 09:15AM 10:20AM	Pease, A.	WAC	1.00
EGL-100-03	Intro to Study of Lit: Poetry		NWSE 210+	TTH 01:55PM 03:40PM	Sargent, J.	WAC	1.00
EGL-101-01	Intro to Study of Lit: Fiction		NWSE 116	MWF 08:00AM 09:05AM	Heinegg, P.	WAC	1.00
EGL-101-02	Intro to Study of Lit: Fiction		NWSE 116	MWF 09:15AM 10:20AM	Heinegg, P.	WAC	1.00
EGL-101-03	Intro to Study of Lit: Fiction		BAIL 102	MWF 09:15AM 10:20AM	Jenkins, H.	WAC	1.00
EGL-101-04	Intro to Study of Lit: Fiction		HUMN 112+	MW 03:05PM 04:45PM	Hauser, B.	WAC	1.00
EGL-101-05	Intro to Study of Lit: Fiction		HUMN 008+	MWF 03:05PM 04:10PM	Pease, A.	WAC	1.00
EGL-101-06	Intro to Study of Lit: Fiction		HUMN 116	TTH 09:00AM 10:45AM	Lewin, J.M.	WAC	1.00
EGL-215-01	Am Lit in Hist Context: 19th C		HUMN 112+	TTH 01:55PM 03:40PM	Murphy, J.	WAC	1.00
EGL-217-01	American Lit: 1900-1960		HUMN 117+	TTH 01:55PM 03:40PM	Selley, A.R.	WAC	1.00
EGL-219-01	African-Amer Lit 1900- Present		BAIL 207+	MW 03:05PM 04:45PM	Lynes, K.	LCC/WAC	1.00
EGL-244-01	Asian Amer Lit & Film		LIPM 101+	MWF 09:15AM 10:20AM	Tuon, B.	LCC/WAC	1.00
EGL-255-01	Discourses on the Viet Nam War		HUMN 014+	MWF 01:50PM 02:55PM	Tuon, B.	WAC	1.00
GEO-201-01	Strat Dep Environ of NY w/Lab	Y	OLIN 307+	MWF 11:45AM 12:50PM	Garver, J. I.	WAC	1.00
HST-118-01	Civil War & Reconstruction		HUMN 019+	MWF 01:50PM 02:55PM	Foroughi, A.R.		1.00
HST-120-01	Progressive Era & World War I		LIPM 017+	MWF 10:30AM 11:35AM	Morris, A.J.		1.00
HST-125-01	America in the Sixties		BAIL 201+	TTH 01:55PM 03:40PM	Feffer, A.		1.00
HST-129-01	Sports in America		LIPM 014+	MWF 08:00AM 09:05AM	Brennan, D.P.		1.00
HST-224-01	Intro to Public History		HUMN 112+	TTH 10:55AM 12:40PM	Lawson, M.		1.00
HST-315-01	Race and the Constitution	Y	LIPM 010+	TTH 10:55AM 12:40PM	Aslakson, K.		1.00
HST-336-01	The Roosevelt Era	Y	HUMN 016+	MW 03:05PM 04:45PM	Morris, A.J.	WAC	1.00
PSC-111-01	Introduction to U.S. Politics		LIPM 016+	MWF 10:30AM 11:35AM	Hays, B.	SOCS	1.00
PSC-277-01	Local Political Internships		TBA		Hislope, R.		1.00
PSC-283-01	Soc Movemnts, Envrmt & Society		LIPM 012+	TTH 10:55AM 12:40PM	Goldner, M.A.		1.00
PSC-332-01	Amer Political Thought to WWI		NWSE 116	MW 03:05PM 04:45PM	Brown, C.		1.00
PSC-358R-01	Wealth & Power Among Nations		LIPM 101+	TTH 09:00AM 10:45AM	Dallas, M.	WAC	1.00
PSC-370-01	Constitutional Law		LIPM 101+	MW 03:05PM 04:45PM	Hays, B.		1.00
SOC-212-01	Sociology of the Family		OLIN 106+	TTH 09:00AM 10:45AM	Hill-Butler, D.	LCC	1.00
SOC-231-01	Sex & Gender in America		OLIN 106+	TTH 01:55PM 03:40PM	Hill-Butler, D.		1.00
SOC-270-01	Soc Movemnts, Envrmt & Society		LIPM 012+	TTH 10:55AM 12:40PM	Goldner, M.A.		1.00
SPN-406-01	Film of the Mex-Ameri Border		HUMN 014+	MWF 10:30AM 11:35AM	Martinez, V.	LCC/WAC	1.00
<b>Anthropology</b>							
ANT-110-01	Intro to Cultural Anthropology		LIPM 016+	MW 03:05PM 04:45PM	Garland, E.	LCC	1.00
ANT-110-02	Intro to Cultural Anthropology		LIPM 016+	TTH 10:55AM 12:40PM	Cool, L.	LCC/WAC	1.00
ANT-184-01	Contemporary Japanese Society		LIPM 017+	MWF 01:50PM 02:55PM	Christensen, P.	LCC	1.00
ANT-225-01	Gender & Society		LIPM 017+	MWF 11:45AM 12:50PM	Jarrin, A.	LCC	1.00
ANT-230-01	Medical Anthropology		LIPM 014+	MWF 09:15AM 10:20AM	Jarrin, A.	LCC	1.00
ANT-260-01	Tourists & Tourism		LIPM 016+	MW 07:00PM 08:45PM	Garland, E.	LCC	1.00
ANT-270-01	Political Anthropology		LIPM 014+	TTH 09:00AM 10:45AM	Witsoe, J.	LCC	1.00
ANT-280-01	Contemporary India		LIPM 014+	TTH 01:55PM 03:40PM	Witsoe, J.	LCC	1.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
ANT-295H-20	Anthro Honors Ind Project 1		TBA		Staff		0.00
ANT-296H-20	Anthro Honors Ind Project 2		TBA		Staff		1.00
ANT-490A-20	Independent Study		TBA		Staff		1.00
ANT-498-20	Anthropology Senior Thesis 1		TBA		Staff		0.00
ANT-499-20	Anthropology Senior Thesis 2		TBA		Staff	WS	1.00

### Arabic

ARB-100-01	Basic Arabic I	Y	BEUT 104+	MWF	08:00AM 09:05AM	Chekima, S.	1.00
ARB-200-01	Intermediate Arabic		BEUT 104+	MWF	09:15AM 10:20AM	Chekima, S.	1.00

### Art History

AAH-101-01	Intro to Art History 1		VART 215+	MWF	11:45AM 12:50PM	Ogawa, D.	LCC	1.00
AAH-104-01	Arts of China		VART 215+	MWF	03:05PM 04:10PM	Lullo, S.	LCC	1.00
AAH-105-01	Arts of Japan		VART 215+	MWF	09:15AM 10:20AM	Lullo, S.	LCC	1.00
AAH-208-01	The Business of Visual Art	Y	VART 215+	TTH	01:55PM 03:40PM	Cox, L.	LCC	1.00
AAH-295H-20	Art History Honors Ind Proj 1		TBA			Staff		0.00
AAH-296H-20	Art History Honors Ind Proj 2		TBA			Staff		1.00
AAH-490A-20	Independent Study		TBA			Staff		1.00
AAH-498-20	Art History Senior Thesis 1		TBA			Staff		0.00
AAH-499-20	Art History Senior Thesis 2		TBA			Staff	WS	1.00

### Asian Studies

AAH-104-01	Arts of China		VART 215+	MWF	03:05PM 04:10PM	Lullo, S.	LCC	1.00
AAH-105-01	Arts of Japan		VART 215+	MWF	09:15AM 10:20AM	Lullo, S.	LCC	1.00
AIS-295H-20	Asian St Honors Ind Project 1		TBA			Staff		0.00
AIS-296H-20	Asian St Honors Ind Project 2		TBA			Staff		1.00
AIS-498-20	Asian Studies Sr Thesis 1		TBA			Staff		0.00
AIS-499-20	Asian Studies Sr Thesis 2		TBA			Staff	WS	1.00
AMU-012-01	Taiko Ensemble Practicum	Y	TMC 103	TH	07:00PM 09:00PM	Matsue, J.M.		0.00
AMU-233-01	Japanese Wadaiko Workshop	Y	TMC 103	MW	03:05PM 04:45PM	Matsue, J.M.	LCC	1.00
ANT-184-01	Contemporary Japanese Society		LIPM 017+	MWF	01:50PM 02:55PM	Christensen, P.	LCC	1.00
ANT-280-01	Contemporary India		LIPM 014+	TTH	01:55PM 03:40PM	Witsoe, J.	LCC	1.00
CHN-100-01	Basic Chinese 1		HUMN 016+	MWF	09:15AM 10:20AM	Ferry, M.M.		1.00
CHN-100-02	Basic Chinese 1		HUMN 117+	MWF	11:45AM 12:50PM	Zhang, Z.		1.00
CHN-200-01	Intermediate Chinese 1		HUMN 117+	MWF	01:50PM 02:55PM	Zhang, Z.		1.00
CHN-300-01	Advanced Chinese 1		LIPM 201+	MWF	03:05PM 04:10PM	Ferry, M.M.		1.00
CHN-400-01	The Changing Face of China		GOLB 105+	MWF	11:45AM 12:50PM	Ferry, M.M.	WAC	1.00
EGL-244-01	Asian Amer Lit & Film		LIPM 101+	MWF	09:15AM 10:20AM	Tuon, B.	LCC/WAC	1.00
EGL-255-01	Discourses on the Viet Nam War		HUMN 014+	MWF	01:50PM 02:55PM	Tuon, B.	WAC	1.00
HST-185-01	Modern Southeast Asia		LIPM 100+	MWF	09:15AM 10:20AM	Gan, C.	LCC	1.00
HST-285-01	Samurai: Lives Loves & Legacies		HUMN 014+	TTH	10:55AM 12:40PM	Madancy, J.	LCC	1.00
JPN-100-02	Basic Japanese 1	Y	STZH 106+	MWF	01:50PM 02:55PM	Lafave, S.		1.00
JPN-200-01	Intermediate Japanese 1		STZH 106+	MWF	03:05PM 04:10PM	Lafave, S.		1.00
JPN-300-01	Advanced Inter Japanese 1		STZH 106+	MWF	10:30AM 11:35AM	Ueno, J.		1.00
PHL-338-01	Zen and Tibetan Buddhism		NWSE 116	TTH	10:55AM 12:40PM	Patrik, L.	LCC/WAC	1.00

### Astronomy

AST-051-01	Intro to Astronomy w/Lab	Y	NWSE 114+	MWF	03:05PM 04:10PM	Wilkin, F.P.	SCLB	1.00
AST-051L-01	Intro to Astronomy Lab		OLIN 211	M	07:00PM 10:00PM	Wilkin, F.P.		0.00
AST-051L-02	Intro to Astronomy Lab		OLIN 211	W	07:00PM 10:00PM	Koopmann, R.		0.00
AST-051L-03	Intro to Astronomy Lab		OLIN 211	TH	07:00PM 10:00PM	Marr, J.M.		0.00
AST-100-01	Intro to Astrophysics		NWSE 114+	MWF	03:05PM 04:10PM	Wilkin, F.P.		1.00
			OLIN 301+	T	03:50PM 04:40PM			
AST-230-01	Observational Astronomy		OLIN 301+	TTH	10:55AM 12:40PM	Wilkin, F.P.	WAC	1.00

### Biochemistry

BCH-380-01	Biochm: Mmbrns Nucl Acids w/Lab		WLDC 128+	MWF	10:30AM 11:35AM	Cohen, B.D.	WAC	1.00
BCH-380L-01	Biochm: Mmbrns Nucl Acids Lab		WLDC 201+	T	01:55PM 04:45PM	Cohen, B.D.		0.00
BCH-380L-02	Biochm: Mmbrns Nucl Acids Lab		WLDC 201+	W	01:50PM 04:40PM	Cohen, B.D.		0.00
BCH-490A-20	Independent Study		TBA			Staff		1.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
BCH-497-01	Biochemistry Honors Research 1		TBA		Anderson, J.		1.00
BCH-498-20	Biochemistry Honors Research 2		TBA		Staff		1.00
BCH-499-20	Biochemistry Honors Research 3		TBA		Staff	WS	1.00

### Bioengineering

BNG-101-01	Graphics & Image Process W/Lab		NWSE 100	MWF 11:45AM 12:50PM	Catravas, P.	SET	1.00
			NWSE 102	MWF 11:45AM 12:50PM	Cotter, S.		
BNG-101L-01	Graphics & Image Process Lab		NWSE 102	M 01:50PM 04:40PM	Catravas, P.		0.00
BNG-101L-02	Graphics & Image Process Lab		NWSE 100	M 01:50PM 04:40PM	Cotter, S.		0.00
BNG-201-01	Biomechanics I W/Lab		HUMN 019+	TTH 10:55AM 12:40PM	Mafi, M.		1.00
BNG-201L-01	Biomechanics I Lab		BUTR 106	T 01:55PM 04:45PM	Mafi, M.		0.00
BNG-201L-02	Biomechanics I Lab		BUTR 106	W 01:50PM 04:40PM	Mafi, M.		0.00
BNG-338-01	Mechanobiology		BUTR 106	MWF 09:15AM 10:20AM	Currey, J.		1.00
BNG-497-20	Bioengineering Sr. Project 1		TBA		Staff		1.00
BNG-498-20	Bioengineering Sr. Project 2		TBA		Staff		1.00

### Biology

At the request of the dept. Chair; students in multiple section courses may be switched from their originally scheduled section in order to optimize enrollment.

\*Application required for BIO-080 and is available in BAIL 101.

<b>BIO-080-01*</b>	Hospital Health Care Practicum	Y	TBA		Beaton, R.	WAC	1.00
BIO-101-01	Cells & Organisms w/Lab	Y	LIPM 016+	MWF 08:00AM 09:05AM	Pytel, B.A.	SCLB	1.00
BIO-101-02	Cells & Organisms w/Lab	Y	LIPM 016+	MWF 09:15AM 10:20AM	Kirkton, S.	SCLB	1.00
BIO-101L-01	Cells & Organisms Lab		SWSE 105	M 01:50PM 04:40PM	Staff		0.00
BIO-101L-02	Cells & Organisms Lab		SWSE 105	T 01:55PM 04:45PM	Staff		0.00
BIO-101L-03	Cells & Organisms Lab		SWSE 105	W 01:50PM 04:40PM	Staff		0.00
BIO-101L-04	Cells & Organisms Lab		SWSE 105	TH 01:55PM 04:45PM	Staff		0.00
BIO-101L-05	Cells & Organisms Lab		SWSE 105	F 01:50PM 04:40PM	Staff		0.00
BIO-201-01	Food for a Planet		WLDC 128+	MWF 08:00AM 09:05AM	Willing, R.		1.00
BIO-225-01	Molecular Bio of Cell w/Lab	Y	WLDC 225+	MWF 09:15AM 10:20AM	Salvo, J.L.		1.00
BIO-225-02	Molecular Bio of Cell w/Lab		WLDC 225+	MWF 08:00AM 09:05AM	Chu-LaGraff, Q.		1.00
BIO-225L-01	Molecular Bio of Cell Lab		SWSE 103	M 01:50PM 04:40PM	Staff		0.00
BIO-225L-02	Molecular Bio of Cell Lab		SWSE 103	T 01:55PM 04:45PM	Staff		0.00
BIO-225L-03	Molecular Bio of Cell Lab		SWSE 103	W 01:50PM 04:40PM	Staff		0.00
BIO-225L-04	Molecular Bio of Cell Lab		SWSE 103	TH 01:55PM 04:45PM	Staff		0.00
BIO-291-01	Biology Research Practicum		TBA		Chu-LaGraff, Q.		0.00
BIO-291-20	Biology Research Practicum		TBA		Staff		0.00
BIO-295H-20	Biology Honors Ind Project 1		TBA		Staff		0.00
BIO-296H-20	Biology Honors Ind Project 2		TBA		Staff		1.00
BIO-314-01	Ornithology		BAIL 201+	TTH 09:00AM 10:45AM	Bishop, J.		1.00
BIO-320-01	Ecology w/Lab		OLIN 306+	MWF 11:45AM 12:50PM	LoGiudice, K.		1.00
BIO-320L-01	Ecology Lab		SWSE 201	M 01:50PM 04:40PM	LoGiudice, K.		0.00
BIO-320L-02	Ecology Lab		SWSE 201	W 01:50PM 04:40PM	LoGiudice, K.		0.00
BIO-324-01	Plant Ecology W/ Lab		BAIL 207+	MWF 10:30AM 11:35AM	Corbin, J.		1.00
BIO-324L-01	Plant Ecology Lab		SWSE 101	T 01:55PM 04:45PM	Corbin, J.		0.00
BIO-324L-02	Plant Ecology Lab		SWSE 101	W 01:50PM 04:40PM	Corbin, J.		0.00
BIO-325-01	Animal Behavior	Y	BAIL 201+	TTH 10:55AM 12:40PM	Fleishman, L.		1.00
BIO-352-01	Microbiology w/Lab	Y	OLIN 106+	MWF 09:15AM 10:20AM	Lauzon, R.		1.00
BIO-352L-01	Microbiology Lab		SWSE 301	T 01:55PM 04:45PM	Lauzon, R.		0.00
BIO-352L-02	Microbiology Lab		SWSE 301	W 01:50PM 04:40PM	Lauzon, R.		0.00
BIO-380-01	Biochm:MmbrnsNuclAcids w/Lab		WLDC 128+	MWF 10:30AM 11:35AM	Cohen, B.D.	WAC	1.00
BIO-380L-01	Biochm: Mmbrns Nucl Acids Lab		WLDC 201+	T 01:55PM 04:45PM	Cohen, B.D.		0.00
BIO-380L-02	Biochm: Mmbrns Nucl Acids Lab		WLDC 201+	W 01:50PM 04:40PM	Cohen, B.D.		0.00
BIO-489-01	Topics: Cellular & Molecular	Y	SWSE 301A	TTH 10:55AM 12:40PM	Chu-LaGraff, Q.	WS	1.00
BIO-490-20	Biology Research 1		TBA		Staff		1.00
BIO-490A-20	Biology Research		TBA		Staff		1.00
BIO-497-20	Biology Honors Research 1		TBA		Staff	WS	1.00
BIO-498-20	Biology Honors Research 2		TBA		Staff		1.00
BIO-499-20	Biology Honors Research 3		TBA		Staff	WS	1.00

### Chemistry

At the request of the dept. Chair; students in multiple section courses may be switched from their originally scheduled section in order to optimize enrollment.

CHM-101-01	Intro Chemistry I W/Lab	Y	OLIN 115+	MWF 09:15AM 10:20AM	Staff	SCLB	1.00
CHM-101-02	Intro Chemistry I W/Lab	Y	LIPM 016+	MWF 11:45AM 12:50PM	Staff	SCLB	1.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
CHM-101L-01	Intro Chemistry 1 Lab		OLIN 201 OLIN 204+	M 01:50PM 04:40PM M 01:50PM 04:40PM	Staff		0.00
CHM-101L-02	Intro Chemistry 1 Lab		OLIN 201 OLIN 204+	T 01:55PM 04:45PM T 01:55PM 04:45PM	Staff		0.00
CHM-101L-03	Intro Chemistry 1 Lab		OLIN 201 OLIN 204+	W 01:50PM 04:40PM W 01:50PM 04:40PM	Staff		0.00
CHM-101L-04	Intro Chemistry 1 Lab		OLIN 201 OLIN 204+	TH 01:55PM 04:45PM TH 01:55PM 04:45PM	Staff		0.00
CHM-101L-05	Intro Chemistry 1 Lab		OLIN 201 OLIN 204+	T 09:00AM 11:50AM T 09:00AM 11:50AM	Staff		0.00
CHM-110-01	Matter: An Accel Intro w/Lab	Y	OLIN 206+ OLIN 207	MW 01:50PM 05:15PM MW 01:50PM 05:15PM	Staff		1.00
CHM-110-02	Matter: An Accel Intro w/Lab	Y	OLIN 206+ OLIN 207 OLIN 204+	F 01:50PM 02:55PM TTH 09:00AM 12:25PM TTH 09:00AM 12:25PM	Staff		1.00
CHM-231-01	Organic Chem 1 W/Lab	Y	OLIN 115+ OLIN 115+	MWF 11:45AM 12:50PM T 03:50PM 04:45PM	Staff		1.00
CHM-231L-01	Organic Chem 1 Lab		SWSE 109	M 01:50PM 05:40PM	Staff		0.00
CHM-231L-02	Organic Chem 1 Lab		SWSE 109	T 09:00AM 12:50PM	Staff		0.00
CHM-231L-03	Organic Chem 1 Lab		SWSE 109	W 01:50PM 05:40PM	Staff		0.00
CHM-291-01	Research Practicum I		TBA		Carroll, M.K.		0.00
CHM-291-02	Research Practicum I		TBA		Paulick, M.		0.00
CHM-291-03	Research Practicum I		TBA		Hagerman, M.		0.00
CHM-291-20	Research Practicum I		BAIL 207+	TH 12:50PM 01:45PM	Staff		0.00
CHM-292-20	Research Practicum 2		BAIL 207+	TH 12:50PM 01:45PM	Staff		0.00
CHM-293-20	Research Practicum 3		BAIL 207+	TH 12:50PM 01:45PM	Staff		0.00
CHM-295H-20	Chemistry Honors Ind Project 1		BAIL 207+	TH 12:50PM 01:45PM	Staff		0.00
CHM-296H-20	Chemistry Honors Ind Project 2		BAIL 207+	TH 12:50PM 01:45PM	Staff		1.00
CHM-332-01	Synthetic Methods W/Lab	Y	SWSE 109	TTH 01:50PM 05:40PM	Adrian, J.C.		1.00
CHM-340-01	Chemical Instrumentation w/Lab	Y	OLIN 204+	MWF 09:15AM 10:20AM	Carroll, M.K.	WAC	1.00
CHM-340L-01	Chemical Instrumentation Lab		SWSE 219	TH 09:00AM 12:50PM	MacManus-Spencer, L. Carroll, M.K.		0.00
CHM-340L-02	Chemical Instrumentation Lab		SWSE 219	W 01:50PM 05:40PM	Carroll, M.K. MacManus-Spencer, L.		0.00
CHM-491-20	Chemical Research 1		BAIL 207+	TH 12:50PM 01:45PM	Staff		1.00
CHM-492-20	Chemical Research 2		BAIL 207+	TH 12:50PM 01:45PM	Staff	WS	1.00
CHM-493-20	Chemical Research 3		BAIL 207+	TH 12:50PM 01:45PM	Staff	WS	1.00

### Chinese

Before signing up for your first Chinese course at Union, you must check with the Modern Language Department in Humanities Building.

CHN-100-01	Basic Chinese 1		HUMN 016+	MWF 09:15AM 10:20AM	Ferry, M.M.		1.00
CHN-100-02	Basic Chinese 1		HUMN 117+	MWF 11:45AM 12:50PM	Zhang, Z.		1.00
CHN-200-01	Intermediate Chinese 1		HUMN 117+	MWF 01:50PM 02:55PM	Zhang, Z.		1.00
CHN-295H-20	Chinese Honors Ind Project 1		TBA		Staff		0.00
CHN-296H-20	Chinese Honors Ind Project 2		TBA		Staff		1.00
CHN-300-01	Advanced Chinese 1		LIPM 201+	MWF 03:05PM 04:10PM	Ferry, M.M.		1.00
CHN-400-01	The Changing Face of China		GOLB 105+	MWF 11:45AM 12:50PM	Ferry, M.M.	WAC	1.00

### Classics

CLS-121-01	History of Greece		HUMN 115	TTH 10:55AM 12:40PM	Toher, M.	LCC	1.00
CLS-132-01	Religion in the Pagan World		OLIN 115+	MWF 08:00AM 09:05AM	Mueller, H.	LCC	1.00
CLS-137-01	Greek & Roman Biography		HUMN 019+	TTH 01:55PM 03:40PM	Wareh, T.	HUL/LCC/WAC	1.00
CLS-146-01	Sex/Gender:Classical Antiquity		OLIN 115+	MWF 01:50PM 02:55PM	Tan, J. K.	LCC	1.00
CLS-151-01	Ancient World in Film & Lit		OLIN 115+ OLIN 115+	MW 03:05PM 04:45PM W 06:30PM 09:00PM	Raucci, S.	LCC	1.00
CLS-295H-20	Classics Honors Ind Project 1		TBA		Staff		0.00
CLS-296H-20	Classics Honors Ind Project 2		TBA		Staff		1.00
CLS-490A-20	Independent Study		TBA		Staff		1.00
CLS-497-20	Classics Senior Project		TBA		Staff	WS	1.00
CLS-498-20	Classics Senior Thesis 1		TBA		Staff		0.00
CLS-499-20	Classics Senior Thesis 2		TBA		Staff	WS	1.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
<b>Computer Science</b>							
CSC-055-01	Working with the Web		OLIN 107+	MWF 09:15AM 10:20AM	Fernandes, C.	SET	1.00
CSC-080-01	History of Computing		OLIN 306+	MW 03:05PM 04:45PM	Webb, N.	WAC	1.00
CSC-103-01	Taming Big Data W/Lab		OLIN 107+	MW 03:05PM 04:45PM	Barr, V.	QMR/SET	1.00
			OLIN 107+	TH 01:55PM 03:40PM			
CSC-104-01	Robots Rule w/lab		OLIN 107+	MWF 10:30AM 11:35AM	Webb, N.	SET/QMR	1.00
			OLIN 107+	TH 10:55AM 12:40PM			
CSC-109-01	Comp Programming for Eng		OLIN 107+	MWF 11:45AM 12:50PM	Rieffel, J.	SET/QMR	1.00
CSC-118-01	Computer and Logic Design		NWSE 100	MWF 09:15AM 10:20AM	Cotter, S.	SET	1.00
CSC-118L-01	Computer and Logic Design		NWSE 100	TH 01:55PM 04:45PM	Staff		0.00
CSC-118L-02	Computer and Logic Design		NWSE 100	T 01:55PM 04:45PM	Staff		0.00
CSC-237-01	Data Communications & Networks		NWSE 222+	MWF 11:45AM 12:50PM	Spinelli, J.		1.00
CSC-245-01	Computer Sci of Computer Games		OLIN 107+	TTH 09:00AM 10:45AM	Striegnitz, K.		1.00
CSC-295H-20	Comp Sci Honors Ind Project 1		TBA		Staff		0.00
CSC-296H-20	Comp Sci Honors Ind Project 2		TBA		Staff		1.00
CSC-320-01	Artificial Intelligence		OLIN 106+	MW 03:05PM 04:45PM	Rieffel, J.		1.00
CSC-360-01	Software Engineering		NWSE 104	TTH 01:55PM 03:40PM	Cass, A.		1.00
CSC-490A-20	Independent Study		TBA		Staff		1.00
CSC-498-20	CSC Capstone Design Project 1		TBA		Staff		0.75
CSC-499-20	Cs Capstone Design Project 2		TBA		Staff	WS	0.75
<b>Dance</b>							
ADA-010-01	Ballet 1 Practicum		VART DANS	M 05:00PM 06:15PM	Geren, C.		0.00
ADA-011-01	Ballet 2 Practicum		VART DANS	T 05:00PM 06:30PM	Mouillet, M.		0.00
ADA-012-01	Ballet 3 Practicum		VART DANS	W 12:15PM 01:30PM	Mouillet, M.		0.00
ADA-020-01	Jazz Dance Practicum 1		VART DANS	T 06:40PM 07:55PM	Rogers, M.		0.00
ADA-022-01	Practicum: Lyrical Jazz		VART DANS	TH 06:30PM 07:45PM	Rogers, M.		0.00
ADA-031-01	Modern Dance 2 Practicum		VART DANS	M 03:00PM 04:15PM	Mouillet, M.		0.00
ADA-035-01	Dance & Fitness Practicum		VART DANS	TTH 12:30PM 01:20PM	Mouillet, M.		0.00
ADA-036-01	Pilates for Performers Pract		VART DANS	F 01:00PM 02:15PM	Geren, C.		0.00
ADA-037-01	Zumba Dance Practicum		VART DANS	M 12:50PM 01:50PM	Cawley, L.		0.00
ADA-046-01	Tap Dance II Practicum		YULM THR	TH 05:00PM 06:15PM	Rogers, M.		0.00
ADA-060-01	Hip Hop I Practicum		VART DANS	W 05:00PM 06:15PM	Domenico, C.		0.00
ADA-061-01	Hip Hop II Practicum		VART DANS	W 06:30PM 07:45PM	Domenico, C.		0.00
ADA-140-01	Amer Musical Theater & Dance		VART 215+	TTH 09:00AM 10:45AM	Mouillet, M.		1.00
ADA-295H-01	Dance Honors Ind Project 1		TBA		Mouillet, M.		0.00
ADA-296H-01	Dance Honors Ind Project 2		TBA		Mouillet, M.		1.00
ADA-490A-20	Dance Project		TBA		Staff		1.00
<b>Economics</b>							
ECO-101-01	Introduction to Economics		LIPM 012+	MWF 09:15AM 10:20AM	Davis, L.S.	SOCS	1.00
ECO-101-02	Introduction to Economics		LIPM 012+	MWF 10:30AM 11:35AM	Davis, L.S.	SOCS	1.00
ECO-101-03	Introduction to Economics		LIPM 017+	TTH 10:55AM 12:40PM	Yaisawarng, S.	SOCS	1.00
ECO-101-04	Introduction to Economics		LIPM 017+	TTH 01:55PM 03:40PM	Yaisawarng, S.	SOCS	1.00
ECO-231-01	Urban Redevelopment		LIPM 012+	MWF 01:50PM 02:55PM	Lewis, B.G.	WAC	1.00
			LIPM 012+	TH 03:50PM 04:40PM			
ECO-241-01	Microeconomic Analysis		LIPM 012+	MWF 11:45AM 12:50PM	Ren, Y.		1.00
ECO-242-01	Macro Theory & Policy		WLDC 225+	TTH 01:55PM 03:40PM	Motahar, E.		1.00
ECO-243-01	Intro to Econometrics		LIPM 017+	MWF 09:15AM 10:20AM	Dvorak, T.	WAC	1.00
ECO-295H-20	Economics Honors Ind Project 1		TBA		Staff		0.00
ECO-296H-20	Economics Honors Ind Project 2		TBA		Staff		1.00
ECO-339-01	Public Finance		LIPM 017+	MW 03:05PM 04:45PM	O'Keefe, M.		1.00
ECO-355-01	Monetary Economics		HUMN 019+	MWF 11:45AM 12:50PM	Lewis, B.G.		1.00
			HUMN 019+	T 03:50PM 04:40PM			
ECO-380-01	Sem: Eco Growth & Development		LIPM 010+	TTH 09:00AM 10:45AM	Davis, L.S.	WAC	1.00
ECO-445-01	Managerial Economics		HUMN 008+	MWF 08:00AM 09:05AM	Kenney, J.	WAC	1.00
ECO-490A-20	Independent Study		TBA		Staff		1.00
ECO-498-20	Economics Senior Thesis 1		TBA		Staff		0.00
ECO-499-20	Economics Senior Thesis 2		TBA		Staff	WS	1.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
<b>Electrical &amp; Computer Engineering</b>							
ECE-011-01	Practicum: ECE & CSC Engrng	Y	NWSE 100	TH 07:00PM 09:00PM	Hedrick, J.N.		0.00
ECE-118-01	Computer and Logic Design		NWSE 100	MWF 09:15AM 10:20AM	Cotter, S.	SET	1.00
ECE-118L-01	Computer and Logic Design Lab		NWSE 100	TH 01:55PM 04:45PM	Traver, C.		0.00
ECE-118L-02	Computer and Logic Design Lab		NWSE 100	T 01:55PM 04:45PM	Traver, C.		0.00
ECE-225-01	Electric Circuits w/Lab		NWSE 102	MWF 10:30AM 11:35AM	Chang, Y.		1.00
ECE-225-02	Electric Circuits w/Lab		NWSE 102	MWF 09:15AM 10:20AM	Chang, Y.		1.00
ECE-225L-01	Electric Circuits Lab		NWSE 102	TH 01:55PM 04:45PM	Hanson, H.		0.00
ECE-225L-02	Electric Circuits Lab		NWSE 102	W 01:50PM 04:40PM	Hanson, H.		0.00
ECE-225L-03	Electric Circuits Lab		NWSE 102	T 01:55PM 04:45PM	Hanson, H.		0.00
ECE-295H-20	Elec Engr Honors Ind Project 1		TBA		Staff		0.00
ECE-296H-20	Elec Engr Honors Ind Project 2		TBA		Staff		1.00
ECE-337-01	Data Communications & Networks		NWSE 222+	MWF 11:45AM 12:50PM	Spinelli, J.		1.00
ECE-351-01	Probability & Digital Comm		NWSE 222+	MWF 10:30AM 11:35PM	Spinelli, J.		1.00
ECE-363-01	Desgn of Electronic Circ w/Lab		NWSE 100	TTH 10:55AM 12:40PM	Buma, T.		1.00
ECE-363L-01	Desgn of Electronic Circ Lab		NWSE 100	W 01:50PM 04:40PM	Hedrick, J.N.		0.00
ECE-490A-20	Independent Study		TBA		Staff		1.00
ECE-498-20	Electr/Comp Engr Capstone 2		TBA		Staff		0.50
ECE-499-20	Elec Engr/Comp Engr Capstone 3		TBA		Staff	WS	1.00

### Engineering Science

Those registering for ESC-100 must register for the lab of the same section.

ESC-100-01	Exploring Engineering		HUMN 112+ OLIN 115+	TTH 08:45AM 09:50AM T 09:55AM 10:45AM	Hedrick, J.N.	SET	1.00
ESC-100-02	Exploring Engineering		NWSE 222+ OLIN 115+	MW 01:50PM 02:55PM T 09:55AM 10:45AM	Azizi, S.	SET	1.00
ESC-100-03	Exploring Engineering		NWSE 222+ OLIN 115+	MW 03:05PM 04:10PM T 09:55AM 10:45AM	Wicks, F.	SET	1.00
ESC-100-04	Exploring Engineering		OLIN 115+ STZH 106+	T 09:55AM 10:45AM TTH 10:55AM 12:00PM	Wehe, S.	SET	1.00
ESC-100-05	Exploring Engineering		HUMN 008+ OLIN 115+	MW 01:50PM 02:55PM T 09:55AM 10:45AM	Wicks, F.	SET	1.00
ESC-100-06	Exploring Engineering		STZH 106+ OLIN 115+	TTH 08:45AM 09:50AM T 09:55AM 10:45AM	Elacqua, A.	SET	1.00
ESC-100L-01	Exploring Engineering Lab		NWSE 222+	T 01:55PM 04:45PM	Hedrick, J.N.		0.00
ESC-100L-02	Exploring Engineering Lab		WLDC 128+	TH 09:00AM 11:50AM	Azizi, S.		0.00
ESC-100L-03	Exploring Engineering Lab		NWSE 222+	TH 01:55PM 04:45PM	Wicks, F.		0.00
ESC-100L-04	Exploring Engineering Lab		STZH 106+	TH 01:55PM 04:45PM	Wehe, S.		0.00
ESC-100L-05	Exploring Engineering Lab		NWSE 222+	TH 09:00AM 11:50AM	Wicks, F.		0.00
ESC-100L-06	Exploring Engineering Lab		STZH 106+	T 01:55PM 04:45PM	Elacqua, A.		0.00

### English

EGL-100-01	Intro to Study of Lit: Poetry		HUMN 014+	TTH 09:00AM 10:45AM	Murphy, J.	WAC	1.00
EGL-100-02	Intro to Study of Lit: Poetry		HUMN 008+	MWF 09:15AM 10:20AM	Pease, A.	WAC	1.00
EGL-100-03	Intro to Study of Lit: Poetry		NWSE 210+	TTH 01:55PM 03:40PM	Sargent, J.	WAC	1.00
EGL-101-01	Intro to Study of Lit: Fiction		NWSE 116	MWF 08:00AM 09:05AM	Heinegg, P.	WAC	1.00
EGL-101-02	Intro to Study of Lit: Fiction		NWSE 116	MWF 09:15AM 10:20AM	Heinegg, P.	WAC	1.00
EGL-101-03	Intro to Study of Lit: Fiction		BAIL 102	MWF 09:15AM 10:20AM	Jenkins, H.	WAC	1.00
EGL-101-04	Intro to Study of Lit: Fiction		HUMN 112+	MW 03:05PM 04:45PM	Hauser, B.	WAC	1.00
EGL-101-05	Intro to Study of Lit: Fiction		HUMN 008+	MWF 03:05PM 04:10PM	Pease, A.	WAC	1.00
EGL-101-06	Intro to Study of Lit: Fiction		HUMN 116	TTH 09:00AM 10:45AM	Lewin, J.M.	WAC	1.00
EGL-200-01	Workshop in Poetry	Y	GREN 105+	MWF 08:00AM 09:05AM	Smith, J.	WAC	1.00
EGL-201-01	Workshop in Fiction		HUMN 008+	TTH 10:55AM 12:40PM	Selley, A.R.	WAC	1.00
EGL-207-01	British Lit: 17th Century		HUMN 116	MW 03:05PM 04:45PM	Jenkins, H.	WAC	1.00
EGL-211-01	British Lit: Romanticism		LIPM 101+	MWF 01:50PM 02:55PM	Burkett, A.	WAC	1.00
EGL-215-01	Am Lit in Hist Context: 19th C		HUMN 112+	TTH 01:55PM 03:40PM	Murphy, J.	WAC	1.00
EGL-217-01	American Lit: 1900-1960		HUMN 117+	TTH 01:55PM 03:40PM	Selley, A.R.	WAC	1.00
EGL-219-01	African-Amer Lit 1900- Present		BAIL 207+	MW 03:05PM 04:45PM	Lynes, K.	LCC/WAC	1.00
EGL-224-01	Shakespeare after 1600		HUMN 115	TTH 09:00AM 10:45AM	Jenkins, H.	WAC	1.00
EGL-226-01	World of the Bible		NWSE 116	MWF 10:30AM 11:35AM	Heinegg, P.		1.00
EGL-244-01	Asian Amer Lit & Film		LIPM 101+	MWF 09:15AM 10:20AM	Tuon, B.	LCC/WAC	1.00
EGL-255-01	Discourses on the Viet Nam War		HUMN 014+	MWF 01:50PM 02:55PM	Tuon, B.	WAC	1.00
EGL-275-01	Renaissance Drama		HUMN 112+	MWF 01:50PM 02:55PM	Wareh, P.	WAC	1.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
EGL-295H-20	English Honors Ind Project 1		TBA		Staff		0.00
EGL-296H-20	English Honors Ind Project 2		TBA		Staff		1.00
EGL-304-01	Sem: Dickens, Thackeray, Eliot	Y	HUMN 116	TTH 01:55PM 03:40PM	Lewin, J.M.	WAC	1.00
EGL-402-01	Honors Thesis Seminar I	Y	HUMN 213	TTH 09:00AM 10:45AM	Doyle, K.A.	WS	0.00
EGL-404-01	Sr.Sem: Literature & Drugs	Y	HUMN 213	MWF 11:45AM 12:50PM	Kuhn, B.	WS	1.00
EGL-490A-20	Independent Study		TBA		Staff		1.00
EGL-496-20	English Senior Thesis 1		TBA		Staff		0.00
EGL-497-20	English Senior Thesis 2		TBA		Staff	WS	1.00

### Environmental Science & Policy

BIO-320-01	Ecology w/Lab		OLIN 306+	MWF 11:45AM 12:50PM	LoGiudice, K.		1.00
BIO-324-01	Plant Ecology W/ Lab		BAIL 207+	MWF 10:30AM 11:35AM	Corbin, J.		1.00
BIO-325-01	Animal Behavior	Y	BAIL 201+	TTH 10:55AM 12:40PM	Fleishman, L.		1.00
CHM-101-01	Intro Chemistry I W/Lab	Y	OLIN 115+	MWF 09:15AM 10:20AM	Staff	SCLB	1.00
CHM-101-02	Intro Chemistry I W/Lab	Y	LIPM 016+	MWF 11:45AM 12:50PM	Staff	SCLB	1.00
CHM-101L-01	Intro Chemistry 1 Lab		OLIN 201	M 01:50PM 04:40PM	Staff		0.00
			OLIN 204+	M 01:50PM 04:40PM			
CHM-101L-02	Intro Chemistry 1 Lab		OLIN 201	T 01:55PM 04:45PM	Staff		0.00
			OLIN 204+	T 01:55PM 04:45PM			
CHM-101L-03	Intro Chemistry 1 Lab		OLIN 201	W 01:50PM 04:40PM	Staff		0.00
			OLIN 204+	W 01:50PM 04:40PM			
CHM-101L-04	Intro Chemistry 1 Lab		OLIN 201	TH 01:55PM 04:45PM	Staff		0.00
			OLIN 204+	TH 01:55PM 04:45PM			
CHM-101L-05	Intro Chemistry 1 Lab		OLIN 201	T 09:00AM 11:50AM	Staff		0.00
			OLIN 204+	T 09:00AM 11:50AM			
CHM-110-01	Matter: An Accel Intro w/Lab	Y	OLIN 206+	MW 01:50PM 05:15PM	Staff		1.00
			OLIN 207	MW 01:50PM 05:15PM			
			OLIN 206+	F 01:50PM 02:55PM			
CHM-110-02	Matter: An Accel Intro w/Lab	Y	OLIN 206+	TTH 09:00AM 12:25PM	Staff		1.00
			OLIN 207	TTH 09:00AM 12:25PM			
			OLIN 204+	F 01:50PM 02:55PM			
CHM-231-01	Organic Chem 1 W/Lab	Y	OLIN 115+	MWF 11:45AM 12:50PM	Staff		1.00
			OLIN 115+	T 03:50PM 04:45PM			
CHM-231L-01	Organic Chem 1 Lab		SWSE 109	M 01:50PM 05:40PM	Staff		0.00
CHM-231L-02	Organic Chem 1 Lab		SWSE 109	T 09:00AM 12:50PM	Staff		0.00
CHM-231L-03	Organic Chem 1 Lab		SWSE 109	W 01:50PM 05:40PM	Staff		0.00
CHM-340-01	Chemical Instrumentation w/Lab	Y	OLIN 204+	MWF 09:15AM 10:20AM	Carroll, M.K.	WAC	1.00
CHM-340L-01	Chemical Instrumentation Lab		SWSE 219	TH 09:00AM 12:50PM	MacManus-Spencer, L. Carroll, M.K.		0.00
CHM-340L-02	Chemical Instrumentation Lab		SWSE 219	W 01:50PM 05:40PM	Carroll, M.K. MacManus-Spencer, L.		0.00
ECO-243-01	Intro to Econometrics		LIPM 017+	MWF 09:15AM 10:20AM	Dvorak, T.	WAC	1.00
ENS-100-01	Intro to Environ Studies W/Lab	Y	OLIN 307+	TTH 09:00AM 10:45AM	Verheyden, A.	SCLB	1.00
ENS-100L-01	Intro to Environ Studies Lab		OLIN 306+	T 01:55PM 04:45PM	Verheyden, A.		0.00
ENS-100L-02	Intro to Environ Studies Lab		OLIN 306+	TH 01:55PM 04:45PM	Verheyden, A.		0.00
ENS-201-01	Food for a Planet		WLDC 128+	MWF 08:00AM 09:05AM	Willing, R.		1.00
ENS-247-01	Sustainable Infrastructure		OLIN 306+	TTH 09:00AM 10:45AM	Ghaly, A.	SET	1.00
ENS-252-01	Environmntl Geotechnique W/Lab		OLIN 306+	TTH 10:55AM 12:40PM	Ghaly, A.	SCLB	1.00
ENS-252L-01	Environmntl Geotechniques Lab		OLIN 332+	TH 01:55PM 04:45PM	Ghaly, A.		0.00
ENS-295H-20	Environ Sci Honors Ind Proj 1		TBA		Staff		0.00
ENS-296H-20	Environ Sci Honors Ind Proj 2		TBA		Staff		1.00
ENS-490-20	Environmental St Indep Study 1		TBA		Staff		1.00
ENS-490A-20	Independent Study		TBA		Staff		1.00
ENS-497-20	Senior Research in Env Sci		TBA		Staff		1.00
ENS-498-20	Environmental Stu Research 1		TBA		Staff		0.00
ENS-499-20	Environmental St Research 2		TBA		Staff	WS	1.00
GEO-100-01	Intro to Phys Geology w/lab	Y	OLIN 307+	MWF 10:30AM 11:35AM	Hollocher, K.	SCLB/WAC	1.00
GEO-202-01	Origin & Evol Landscapes W/Lab	Y	OLIN 307+	TTH 10:55AM 12:40PM	Rodbell, D.	WAC	1.00
GEO-305-01	Biogeochemistry w/Lab	Y	OLIN 332+	MWF 10:30AM 11:35AM	Gillikin, D.		1.00
MER-231-01	Thermodynamics	Y	NWSE 201+	MWF 08:00AM 09:05AM	Hodgson, D.		1.00
PHY-110-01	Physics/Life Sciences 1 w/Lab		NWSE 114+	MWF 08:00AM 09:05AM	LaBrake, S.M.		1.00
			NWSE 114+	T 08:00AM 08:50AM			
PHY-111-01	Physics/Life Sciences 2 w/Lab		NWSE 114+	MWF 09:15AM 10:20AM	Newman, J.		1.00
			NWSE 114+	TH 08:00AM 08:50AM			
PHY-111L-01	Physics/Life Sciences 2 Lab		NWSE 304	T 09:00AM 11:50AM	Newman, J.		0.00
PHY-111L-02	Physics/Life Sciences 2 Lab		NWSE 304	T 01:55PM 04:45PM	Newman, J.		0.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
PHY-120-01	Matter in Motion W/Lab		NWSE 112+	MWF 10:30AM 11:35AM	Orzel, C.R.	SCLB	1.00
			NWSE 112+	T 09:00AM 10:45AM			
PHY-121-01	Prin of Electromagnetics w/lab		NWSE 304	MWF 10:30AM 11:35AM	Halstead, E.		1.00
			NWSE 304	TH 09:00AM 10:45AM			
PHY-123-01	Heat, Light & Astronomy w/Lab		NWSE 300	MWF 09:15AM 10:20AM	Koopmann, R.		1.00
			NWSE 300	T 01:55PM 03:40PM			
PHY-310-01	Adv Topics in Physics 1		NWSE 303	MWF 09:15AM 10:20AM	Maleki, S.		1.00
PSC-277-01	Local Political Internships		TBA		Hislope, R.		1.00
PSC-283-01	Soc Movemnts, Envrmt & Society		LIPM 012+	TTH 10:55AM 12:40PM	Goldner, M.A.		1.00
SOC-270-01	Soc Movemnts, Envrmt & Society		LIPM 012+	TTH 10:55AM 12:40PM	Goldner, M.A.		1.00
SOC-300-01	Quantitative Social Research	Y	OLIN 306+	MWF 08:00AM 09:05AM	Cotter, D.		1.00

### Film Studies

FLM-202-01	Digital Filmmaking		BAIL 207+	T 01:55PM 03:40PM	de Seve, J.		1.00
			OLDC 1	TH 01:55PM 03:40PM			
FLM-311-01	The Personal Documentary		BAIL 207+	TTH 10:55AM 12:40PM	de Seve, J.		1.00

### First Year Preceptorial

Preceptorial sections cannot be added or changed without permission of K. Schurick; 306C Reamer Campus Center

FPR-100-01	First-Year Preceptorial		NWSE 210+	MWF 10:30AM 11:35AM	Brennan, D.P.		1.00
FPR-100-02	First-Year Preceptorial		LIPM 101+	MWF 10:30AM 11:35AM	Burkett, A.		1.00
FPR-100-03	First-Year Preceptorial		OLIN 305	MWF 10:30AM 11:35AM	Calandra, N.		1.00
FPR-100-04	First-Year Preceptorial		HUMN 213	MWF 10:30AM 11:35AM	Davis, F.		1.00
FPR-100-05	First-Year Preceptorial		MESA 105+	MWF 10:30AM 11:35AM	Doyle, K.A.		1.00
FPR-100-06	First-Year Preceptorial		BEUT 104+	MWF 10:30AM 11:35AM	Foster, E.		1.00
FPR-100-07	First-Year Preceptorial		WOLD 109+	MWF 10:30AM 11:35AM	Gazzarri, T.		1.00
FPR-100-08	First-Year Preceptorial		HUMN 116	MWF 10:30AM 11:35AM	Hauser, B.		1.00
FPR-100-09	First-Year Preceptorial		LIPM 010+	MWF 10:30AM 11:35AM	Kuhn, B.		1.00
FPR-100-10	First-Year Preceptorial		HUMN 016+	MWF 10:30AM 11:35AM	Sargent, J.		1.00
FPR-100-11	First-Year Preceptorial		GREN 105+	MWF 10:30AM 11:35AM	Smith, J.		1.00
FPR-100-12	First-Year Preceptorial		NWSE 114+	MWF 10:30AM 11:35AM	Taylor, B.		1.00
FPR-100-13	First-Year Preceptorial		SORM 111+	MWF 10:30AM 11:35AM	Tuon, B.		1.00
FPR-100-14	First-Year Preceptorial		HUMN 117+	MWF 10:30AM 11:35AM	Wareh, P.		1.00
FPR-100H-01	First Year Honors Precept 1		SORM 111+	MW 03:05PM 04:45PM	Benack, S.		1.00
FPR-100H-02	First Year Honors Precept 1		BREZ 106+	MWF 10:30AM 11:35AM	Lynes, K.		1.00
FPR-100H-03	First Year Honors Precept 1		LIPM 200+	MWF 10:30AM 11:35AM	Marso, L.J.		1.00
FPR-100H-04	First Year Honors Precept 1		LIBR 204	MWF 10:30AM 11:35AM	McFadden, T.		1.00
FPR-100H-05	First Year Honors Precept 1		LIPM 201+	MWF 10:30AM 11:35AM	Mosquera, D.		1.00
FPR-100H-06	First Year Honors Precept 1		VART 210	TTH 10:55AM 12:40PM	Ogawa, D.		1.00
FPR-100H-07	First Year Honors Precept 1		HUMN 012	MWF 10:30AM 11:35AM	Schmidt, S.J.		1.00

### French

Before signing up for your first French course at Union, you must check with the Modern Language Department in Humanities Building.

FRN-100-01	Basic French 1	Y	LIBR 222	MWF 11:45AM 12:50PM	Sartiaux, A.		1.00
FRN-102-01	Basic French 3		HUMN 014+	MWF 09:15AM 10:20AM	Dima, V.		1.00
FRN-200-01	Intermediate French 1		STZH 106+	MWF 08:00AM 09:05AM	Ndiaye, C.M.		1.00
FRN-200-02	Intermediate French 1		LIPM 201+	MWF 11:45AM 12:50PM	Dima, V.		1.00
FRN-295H-20	French Honors Ind Project 1		TBA		Staff		0.00
FRN-296H-20	French Honors Ind Project 2		TBA		Staff		1.00
FRN-304-01	Studies in French Caribbean		NWSE 210+	MWF 01:50PM 02:55PM	Silvestre, S.	HUL/LCC	1.00
FRN-432-01	Living in Contemporary Paris		NWSE 210+	MW 03:05PM 04:45PM	Silvestre, S.	HUL/LCC	1.00
FRN-490A-20	Independent Study		TBA		Staff		1.00

### Geology

GEO-100-01	Intro to Physical Geology w/lab	Y	OLIN 307+	MWF 10:30AM 11:35AM	Hollocher, K.	SCLB/WAC	1.00
GEO-100L-01	Intro to Physical Geology Lab		OLIN 332+	T 01:55PM 04:45PM	Hollocher, K.		0.00
GEO-100L-02	Intro to Physical Geology Lab		OLIN 307+	W 01:50PM 04:40PM	Hollocher, K.		0.00
GEO-100L-03	Intro to Physical Geology Lab		OLIN 332+	T 09:00AM 11:50AM	Hollocher, K.		0.00
GEO-201-01	Strat Dep Environ of NY w/Lab	Y	OLIN 307+	MWF 11:45AM 12:50PM	Garver, J. I.	WAC	1.00
GEO-201L-01	Strat Dep Environ of NY Lab		OLIN 307+	M 01:00PM 04:45PM	Garver, J. I.		0.00
GEO-201L-02	Strat Dep Environ of NY Lab		OLIN 307+	T 01:00PM 04:45PM	Garver, J. I.		0.00
GEO-202-01	Origin & Evol Landscapes W/Lab	Y	OLIN 307+	TTH 10:55AM 12:40PM	Rodbell, D.	WAC	1.00
GEO-202L-01	Origin & Evol Landscapes Lab		OLIN 307+	TH 01:00PM 04:45PM	Rodbell, D.		0.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
GEO-252-01	Environmntl Geotechnique W/Lab		OLIN 306+	TTH 10:55AM 12:40PM	Ghaly, A.	SCLB	1.00
GEO-252L-01	Environmntl Geotechniques Lab		OLIN 332+	TH 01:55PM 04:45PM	Ghaly, A.		0.00
GEO-295H-20	Geology Honors Ind Project 1		TBA		Staff		0.00
GEO-296H-20	Geology Honors Ind Project 2		TBA		Staff		1.00
GEO-305-01	Biogeochemistry w/Lab	Y	OLIN 332+	MWF 10:30AM 11:35AM	Gillikin, D.		1.00
GEO-305L-01	Biogeochemistry Lab		OLIN 332+	W 01:00PM 04:45PM	Gillikin, D.		0.00
GEO-490A-20	Independent Study		TBA		Staff		1.00
GEO-495-20	Geology Research 1		TBA		Staff	WAC	0.00
GEO-496-20	Geology Research 2		TBA		Staff		1.00

### German

Before signing up for your first German course at Union, you must check with the Modern Language Department in Humanities Building.

GER-100-01	Basic German 1	Y	NWSE 210+	MWF 09:15AM 10:20AM	Ricci Bell, M.		1.00
GER-100-02	Basic German 1	Y	OLIN 211+	MWF 11:45AM 12:50PM	Nelson, E.		1.00
GER-200-01	Intermediate German 1		SORM 111+	MWF 01:50PM 02:55PM	Nelson, E.		1.00
GER-201-01	Intermediate German 2		NWSE 210+	MWF 08:00AM 09:05AM	Ricci Bell, M.		1.00
GER-490A-20	Independent Study		TBA		Staff		1.00

### Greek

GRK-230-01	Homer: The Iliad		HUMN 213	TTH 01:55PM 03:40PM	Toher, M.	HUL/WAC	1.00
GRK-498-20	Greek Senior Thesis 1		TBA		Staff		0.00
GRK-499-20	Greek Senior Thesis 2		TBA		Staff	WS	1.00

### Hebrew

Before signing up for your first Hebrew course at Union, you must check with the Modern Language Department in Humanities Building.

HEB-100-01	Basic Hebrew 1	Y	BEUT 104+	MWF 11:45AM 12:50PM	Almog, M.		1.00
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### History

HST-118-01	Civil War & Reconstruction		HUMN 019+	MWF 01:50PM 02:55PM	Foroughi, A.R.		1.00
HST-120-01	Progressive Era & World War I		LIPM 017+	MWF 10:30AM 11:35AM	Morris, A.J.		1.00
HST-125-01	America in the Sixties		BAIL 201+	TTH 01:55PM 03:40PM	Feffer, A.		1.00
HST-129-01	Sports in America		LIPM 014+	MWF 08:00AM 09:05AM	Brennan, D.P.		1.00
HST-138-01	Big History		OLIN 115+	TTH 10:55AM 12:40PM	Walker, M.		1.00
HST-142-01	Renaissance Europe		HUMN 019+	MWF 10:30AM 11:35AM	Ellis, A.		1.00
HST-162-01	Modern Scotland		HUMN 014+	MW 03:05PM 04:45PM	Cramsie, J.R.		1.00
HST-171-01	Europe & Americas:Columbus Era		WLDC 128+	MWF 09:15AM 10:20AM	McIntyre, K.	LCC	1.00
HST-185-01	Modern Southeast Asia		LIPM 100+	MWF 09:15AM 10:20AM	Gan, C.	LCC	1.00
HST-201-01	Contemporary Africa		LIPM 101+	TTH 01:55PM 03:40PM	Peterson, B.	LCC	1.00
HST-224-01	Intro to Public History		HUMN 112+	TTH 10:55AM 12:40PM	Lawson, M.		1.00
HST-240-01	The Crusades		HUMN 115	MWF 11:45AM 12:50PM	Sargent, S.		1.00
HST-242-01	The Scientific Revolution		HUMN 014+	MWF 11:45AM 12:50PM	Richmond, J.		1.00
HST-285-01	Samurai: LivesLoves&Legacies		HUMN 014+	TTH 10:55AM 12:40PM	Madancy, J.	LCC	1.00
HST-292-01	History of Computing		OLIN 306+	MW 03:05PM 04:45PM	Webb, N.	WAC	1.00
HST-295H-20	History Honors Ind Project 1		TBA		Staff		0.00
HST-296H-20	History Honors Ind Project 2		TBA		Staff		1.00
HST-315-01	Race and the Constitution	Y	LIPM 010+	TTH 10:55AM 12:40PM	Aslakson, K.		1.00
HST-336-01	The Roosevelt Era	Y	HUMN 016+	MW 03:05PM 04:45PM	Morris, A.J.	WAC	1.00
HST-490A-20	Independent Study		TBA		Staff		1.00
HST-498-20	History Senior Thesis 1		TBA		Staff		0.00
HST-499-20	History Senior Thesis 2		TBA		Staff	WS	1.00

### Integrated Math/Physics

IMP-111-01	Int Math/Physics 1 w/Lab		NWSE 112+	MWF 09:15AM 10:20AM	Tonnesen-Friedman, C		1.50
			NWSE 112+	M 01:50PM 02:55PM	Orzel, C.R.		
			NWSE 112+	TH 09:00AM 10:45AM			

### Interdepartmental

IDM-008-01	Internship		TBA		Tongue, M.		0.30
IDM-295H-20	Interdepart Honors Ind Proj 1		TBA		Staff		0.00
IDM-296H-20	Interdepart Honors Ind Proj 2		TBA		Staff		1.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
IDM-487-20	Double Major Thesis 1		TBA		Staff		0.00
IDM-488-20	Double Major Thesis 2		TBA		Staff		2.00
IDM-489-20	Double Major Thesis 3		TBA		Staff	WS	1.00
IDM-490A-20	Independent Study		TBA		Staff		1.00
IDM-498-20	Interdepartmental Sr Thesis 1		TBA		Staff		0.00
IDM-499-20	Interdepartmental Sr Thesis 2		TBA		Staff	WS	1.00

### Japanese

Before signing up for your first Japanese course at Union; you must check with the Modern Language Department in Humanities Building.

JPN-100-02	Basic Japanese 1	Y	STZH 106+	MWF 01:50PM 02:55PM	Lafave, S.		1.00
JPN-200-01	Intermediate Japanese 1		STZH 106+	MWF 03:05PM 04:10PM	Lafave, S.		1.00
JPN-300-01	Advanced Inter Japanese 1		STZH 106+	MWF 10:30AM 11:35AM	Ueno, J.		1.00
JPN-490A-20	Independent Study		TBA		Staff		1.00

### Latin

LAT-101-01	Principles of Latin 1		HUMN 116	MWF 09:15AM 10:20AM	Gazzarri, T.		1.00
LAT-101-02	Principles of Latin 1		HUMN 117+	MWF 09:15AM 10:20AM	Tan, J. K.		1.00
LAT-103-01	Latin Reading		HUMN 116	MWF 11:45AM 12:50PM	Raucci, S.		1.00
LAT-338-01	Lyric & Elegiac Poetry		HUMN 116	TTH 10:55AM 12:40PM	Wareh, T.	HUL/WAC	1.00
LAT-490A-20	Independent Study		TBA		Staff		1.00
LAT-498-20	Latin Senior Thesis 1		TBA		Staff		0.00
LAT-499-20	Latin Senior Thesis 2		TBA		Staff	WS	1.00

### Latin American/Caribbean Studies

ANT-225-01	Gender & Society		LIPM 017+	MWF 11:45AM 12:50PM	Jarrin, A.	LCC	1.00
ANT-230-01	Medical Anthropology		LIPM 014+	MWF 09:15AM 10:20AM	Jarrin, A.	LCC	1.00
ANT-260-01	Tourists & Tourism		LIPM 016+	MW 07:00PM 08:45PM	Garland, E.	LCC	1.00
FRN-304-01	Studies in French Caribbean		NWSE 210+	MWF 01:50PM 02:55PM	Silvestre, S.	HUL/LCC	1.00
HST-171-01	Europe & Americas:Columbus Era		WLDC 128+	MWF 09:15AM 10:20AM	McIntyre, K.	LCC	1.00
LAS-295H-20	Latin Am Studies Honors Proj 1		TBA		Staff		0.00
LAS-296H-20	Latin Am Studies Honors Proj 2		TBA		Staff		1.00
LAS-490A-20	Independent Study		TBA		Staff		1.00
LAS-497-20	Latin Am/Caribb St. Sr. Projct		TBA		Staff	WS	1.00
LAS-498-20	Latin Amer Studies Sr Thesis 1		TBA		Staff		0.00
PSC-243-01	Latin American Politics		LIPM 014+	MWF 11:45AM 12:50PM	Seri, G.	LCC	1.00
PSC-358R-01	Wealth & Power Among Nations		LIPM 101+	TTH 09:00AM 10:45AM	Dallas, M.	WAC	1.00
SPN-406-01	Film of the Mex-Ameri Border		HUMN 014+	MWF 10:30AM 11:35AM	Martinez, V.	LCC/WAC	1.00

### Leadership in Medicine

For LIM Students only

LIM-500-01	Introduction to Health Systems		LIPM 016+	TTH 01:55PM 03:40PM	Goldner, M.A.		1.00
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### Mathematics

MTH-054-01	Number Theory		BAIL 102	MWF 10:30AM 11:35AM	Rosenthal, K.	QMR	1.00
MTH-055-01	Ancient Greek Mathematics		BAIL 201+	MWF 03:05PM 04:10PM	Barbanel, J.	QMR	1.00
MTH-100-01	Calculus with Precalc 1		BAIL 100	MWF 09:15AM 10:20AM	Staff		1.00
			BAIL 100	T 08:00AM 08:50AM			
MTH-100-02	Calculus with Precalc 1		BAIL 100	MWF 11:45AM 12:50PM	Staff		1.00
			BAIL 100	T 03:50PM 04:40PM			
MTH-100-03	Calculus with Precalc 1		BAIL 100	MWF 10:30AM 11:35AM	Staff		1.00
			BAIL 100	TH 08:00AM 08:50AM			
MTH-100-04	Calculus with Precalc 1		BAIL 100	MWF 01:50PM 02:55PM	Staff		1.00
			BAIL 100	TH 03:50PM 04:40PM			
MTH-110-01	Calculus 1		BAIL 104	MWF 01:50PM 02:55PM	Staff	QMR	1.00
			BAIL 104	TH 03:50PM 04:40PM			
MTH-110-02	Calculus 1		BAIL 104	MWF 03:05PM 04:10PM	Staff	QMR	1.00
			BAIL 104	T 03:50PM 04:40PM			
MTH-110-03	Calculus 1		BAIL 104	MWF 09:15AM 10:20AM	Staff	QMR	1.00
			BAIL 104	T 08:00AM 08:50AM			

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
MTH-110-04	Calculus 1		BAIL 104	MWF 10:30AM 11:35AM	Staff	QMR	1.00
			BAIL 104	TH 08:00AM 08:50AM			
MTH-110-05	Calculus 1		BAIL 201+	MWF 10:30AM 11:35AM	Staff	QMR	1.00
			BAIL 201+	T 08:00AM 08:50AM			
MTH-113-01	AP Calculus		WLDC 225+	MWF 11:45AM 12:50PM	Staff	QMR	1.00
MTH-113-02	AP Calculus		BAIL 106	MWF 10:30AM 11:35AM	Staff	QMR	1.00
MTH-113-03	AP Calculus		BAIL 106	MWF 09:15AM 10:20AM	Staff	QMR	1.00
MTH-115-01	Calculus 3		BAIL 201+	MWF 08:00AM 09:05AM	Staff		1.00
MTH-115-02	Calculus 3		BAIL 201+	MWF 09:15AM 10:20AM	Staff		1.00
MTH-115H-01	Enriched Differential Calc		BAIL 207+	MWF 09:15AM 10:20AM	Staff		1.00
MTH-117-01	Calculus 4: Integral Vector		BAIL 104	MWF 11:45AM 12:50PM	Staff		1.00
MTH-127-01	Numerical Methods		BAIL 207+	MWF 11:45AM 12:50PM	Staff		1.00
MTH-199-01	Intro to Logic & Set Theory		BAIL 201+	MWF 11:45AM 12:50PM	Staff	WAC	1.00
MTH-219-01	Topics in Discrete Math		BAIL 312+	MWF 11:45AM 12:50PM	Zwicker, W.		1.00
MTH-295H-20	Math Honors Ind Project 1		TBA		Staff		0.00
MTH-296H-20	Math Honors Ind Project 2		TBA		Staff		1.00
MTH-330-01	Complex Analysis		BAIL 207+	MWF 08:00AM 09:05AM	Tonnesen-Friedman, C		1.00
MTH-336-01	Real Variable Theory		WLDC 128+	MWF 01:50PM 02:55PM	Lesh, K.		1.00
MTH-490A-20	Independent Study		TBA		Staff		1.00
MTH-497-20	Math Senior Thesis		TBA		Staff	WS	1.00
MTH-498-20	Mathematics Senior Thesis 1		TBA		Staff		0.00
MTH-499-20	Mathematics Senior Thesis 2		TBA		Staff	WS	1.00

### Mechanical Engineering

MER-010-01	Senior Seminar		OLIN 115+	F 12:55PM 01:45PM	Rapoff, A.J.		0.00
MER-201-01	Particle Mechanics W/Lab	Y	NWSE 205+	MWF 08:00AM 09:05AM	Tchako, A.	WAC	1.00
MER-201L-01	Particle Mechanics Lab		NWSE 205+	T 01:55PM 03:40PM	Tchako, A.		0.00
MER-213-01	Material Science w/Lab		NWSE 201+	MWF 09:15AM 10:20AM	Cortez, R.	WAC	1.00
MER-213L-01	Material Science Lab		BUTR 206	TH 09:00AM 11:50AM	Cortez, R.		0.00
MER-213L-02	Material Science Lab		BUTR 206	TH 01:55PM 04:45PM	Cortez, R.		0.00
MER-214-01	Strength of Materials w/Lab		NWSE 205+	MWF 10:30AM 11:35AM	Rapoff, A.J.	WAC	1.00
MER-214L-02	Strength of Materials Lab		BUTR 206	T 01:55PM 04:45PM	Rapoff, A.J.		0.00
MER-231-01	Thermodynamics	Y	NWSE 201+	MWF 08:00AM 09:05AM	Hodgson, D.		1.00
MER-295H-20	Mech Eng Honors Ind Project 1		TBA		Staff		0.00
MER-296H-20	Mech Eng Honors Ind Project 2		TBA		Staff		1.00
MER-301-01	Engineering Reliability		NWSE 205+	MW 04:55PM 07:05PM	Sanders, G.		1.00
MER-311-01	Advanced Mechanics w/Lab		NWSE 201+	MWF 03:05PM 04:10PM	Kalista, S.		1.00
MER-311L-01	Advanced Mechanics Lab		NWSE 205+	TH 01:55PM 04:45PM	Kalista, S.		0.00
MER-312-01	Dynamics & Kinematics w/Lab		NWSE 205+	MWF 09:15AM 10:20AM	Bucinell, R.		1.00
MER-312L-01	Dynamics & Kinematics Lab		NWSE 205+	T 09:00AM 11:50AM	Bucinell, R.		0.00
MER-322-01	Dynamics of Systems w/Lab		NWSE 201+	MWF 10:30AM 11:35AM	Ramasubramanian, A.	WAC	1.00
MER-322L-02	Dynamics of Systems Lab		NWSE 220	T 01:55PM 04:45PM	Ramasubramanian, A.		0.00
MER-331-01	Fluid Mechanics 1 W/Lab		NWSE 201+	MWF 01:50PM 02:55PM	Bruno, B.	WAC	1.00
MER-331L-01	Fluid Mechanics Lab		NWSE 208	TH 09:00AM 11:50AM	Bruno, B.		0.00
MER-392-01	ME Junior Practicum 2				Bucinell, R.		0.00
MER-439-01	Thermal/Fluid Sys Design w/Lab	Y	NWSE 205+	MWF 01:50PM 04:10PM	Wilk, R.	WAC	1.00
MER-452-01	Composite Materials Technology		NWSE 201+	MW 04:55PM 06:40PM	Bucinell, R.		1.00
MER-490A-20	Independent Study		TBA		Staff		1.00
MER-491-20	Mech Engr Senior Practicum 1		TBA		Staff		0.00
MER-492-20	Mech Engr Sr Practicum 2		TBA		Staff		0.00
MER-493-20	Mech Engr Sr Practicum 3		TBA		Staff		1.00
MER-497-20	Mech Engr Senior Project 1		TBA		Staff		1.00
MER-498-20	Mech Engr Senior Project 2		TBA		Staff	WS	1.00
MER-499-20	Mech Engr Senior Project 3		TBA		Staff		1.00

### Modern Language & Literature Practica

#### For Language Assistants Only

MLL-490-20	Academic Training Practicum I		TBA		Staff		0.00
MLL-491-20	Academic Training Practicum II		TBA		Staff		0.00

### Modern Literature in Translation

MLT-262-01	Russia: Magnif, Mayhem, Mafia		BAIL 207+	MWF 01:50PM 02:55PM	Arndt, C.	LCC/WAC	1.00
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Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
<b>Music</b>							
AMU-010-01	Instrumental & Vocal Practicum		TBA		Staff		0.00
AMU-012-01	Taiko Ensemble Practicum	Y	TMC 103	TH 07:00PM 09:00PM	Matsue, J.M.		0.00
AMU-014-01	College&CommunityChoralePract		TMC 120+	M 07:00PM 09:00PM	Staff		0.00
AMU-015-01	Jazz Ensemble Practicum		TMC 120+	W 07:00PM 09:00PM	Olsen, T.		0.00
AMU-016-01	Camerata Singers Practicum		TMC 120+	TTH 05:00PM 06:30PM	Staff		0.00
AMU-017-01	Orchestra Practicum		MEMC 1	T 07:00PM 09:00PM	Staff		0.00
AMU-018-01	Early Music Ensemble		TMC 203	W 05:00PM 06:00PM	McMullen, D.		0.00
			TMC 120+	W 05:00PM 06:00PM			
AMU-050-01	Language of Music		TMC 120+	MWF 01:50PM 02:55PM	Olsen, T.		1.00
			TMC 224+	MWF 01:50PM 02:55PM			
AMU-132-01	History of Jazz		TMC 120+	MWF 03:05PM 04:10PM	Olsen, T.	LCC	1.00
AMU-214-01	Romanticism	Y	TMC 224+	MWF 11:45AM 12:50PM	McMullen, D.	HUL/WAC	1.00
AMU-233-01	Japanese Wadaiko Workshop	Y	TMC 103	MW 03:05PM 04:45PM	Matsue, J.M.	LCC	1.00
AMU-295H-20	Music Honors Ind Project 1		TBA		Staff		0.00
AMU-296H-20	Music Honors Ind Project 2		TBA		Staff		1.00
AMU-490A-20	Music Independent Study		TBA		Staff		1.00
AMU-497-20	One-Term Senior Project		TBA		Staff		1.00
AMU-498-20	Music Senior Project 1		TBA		Staff		0.00
AMU-499-20	Music Senior Project 2		TBA		Staff	WS	1.00
<b>Organizing Theme</b>							
ORT-295H-20	Seward Fellows Ind Project 1		TBA		Staff		0.00
ORT-296H-20	Seward Fellows Ind Project 2		TBA		Staff		1.00
ORT-490A-20	Independent Study		TBA		Staff		1.00
ORT-497-20	Organizing Theme Sr Project		TBA		Staff	WS	1.00
ORT-498-20	Organizing Theme Thesis 1		TBA		Staff		0.00
ORT-499-20	Organizing Theme Thesis 2		TBA		Staff	WS	1.00
<b>Philosophy</b>							
PHL-051-01	Ethics Bowl Practicum	Y	HUMN 213	MWF 08:00AM 09:05AM	Wunderlich, M.		0.00
PHL-100-01	Intro to Philosophy		HUMN 115	TTH 01:55PM 03:40PM	Patrik, L.		1.00
PHL-110-01	Moral Problems: Case Study		NWSE 116	MWF 11:45AM 12:50PM	Wunderlich, M.		1.00
PHL-120-01	First-Year Philosophy Seminar		HUMN 213	MW 03:05PM 04:45PM	Zaibert, L.		1.00
PHL-125-01	Logic & Critical Thinking		LIPM 014+	TTH 10:55AM 12:40PM	Warenski, L.		1.00
PHL-261-01	Philosophy of Religion		NWSE 116	MWF 01:50PM 02:55PM	Davis, F.	WAC	1.00
PHL-295H-20	Philosophy Honors Ind Proj 1		TBA		Staff		0.00
PHL-296H-20	Philosophy Honors Ind Proj 2		TBA		Staff		1.00
PHL-338-01	Zen and Tibetan Buddhism		NWSE 116	TTH 10:55AM 12:40PM	Patrik, L.	LCC/WAC	1.00
PHL-402-01	Writing Philosophy I		WLDC 128+	T 01:55PM 05:25PM	Zaibert, L.		0.00
PHL-408-01	New Directions in Philosophy 1		HUMN 213	MW 07:00PM 08:45PM	Zaibert, L.		0.00
PHL-418-01	New Directions in Philosophy 2		HUMN 213	MW 07:00PM 08:45PM	Zaibert, L.	WAC/S	1.00
PHL-446-01	Topics: In Epistemology		HUMN 008+	MWF 10:30AM 11:35AM	Wunderlich, M.	WAC	1.00
PHL-490A-20	Independent Study		TBA		Staff		1.00
PHL-498-20	Philosophy Honors Thesis 1		TBA		Staff		0.00
PHL-499-20	Philosophy Honors Thesis 2		TBA		Staff	WS	1.00
<b>Physics</b>							
At the request of the dept. Chair; students in multiple section courses may be switched from their originally scheduled section in order to optimize enrollment.							
PHY-100-01	First Year Seminar	Y	NWSE 300	MWF 11:45AM 12:50PM	Koopmann, R. LaBrake, S.M.		1.00
PHY-110-01	Physics/Life Sciences 1 w/Lab		NWSE 114+	MWF 08:00AM 09:05AM	LaBrake, S.M.		1.00
			NWSE 114+	T 08:00AM 08:50AM			
PHY-110L-01	Physics/Life Sciences 1 Lab		NWSE 300	TH 09:00AM 11:50AM	Amanuel, S.		0.00
PHY-110L-02	Physics/Life Sciences 1 Lab		NWSE 300	TH 01:55PM 04:45PM	Reich, G.		0.00
PHY-111-01	Physics/Life Sciences 2 w/Lab		NWSE 114+	MWF 09:15AM 10:20AM	Newman, J.		1.00
			NWSE 114+	TH 08:00AM 08:50AM			
PHY-111L-01	Physics/Life Sciences 2 Lab		NWSE 304	T 09:00AM 11:50AM	Newman, J.		0.00
PHY-111L-02	Physics/Life Sciences 2 Lab		NWSE 304	T 01:55PM 04:45PM	Newman, J.		0.00
PHY-120-01	Matter in Motion W/Lab		NWSE 112+	MWF 10:30AM 11:35AM	Orzel, C.R.	SCLB	1.00
			NWSE 112+	T 09:00AM 10:45AM			

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
PHY-121-01	Prin of Electromagnetics w/lab		NWSE 304	MWF 10:30AM 11:35AM	Halstead, E.		1.00
			NWSE 304	TH 09:00AM 10:45AM			
PHY-123-01	Heat, Light & Astronomy w/Lab		NWSE 300	MWF 09:15AM 10:20AM	Koopmann, R.		1.00
			NWSE 300	T 01:55PM 03:40PM			
PHY-230-01	Int Classical Mechanics w/lab		NWSE 300	MWF 01:50PM 02:55PM	Vineyard, M.F.		1.00
			NWSE 303	TH 03:50PM 04:40PM			
PHY-295H-20	Physics Honors Ind Project 1		TBA		Staff		0.00
PHY-296H-20	Physics Honors Ind Project 2		TBA		Staff		1.00
PHY-310-01	Adv Topics in Physics 1		NWSE 303	MWF 09:15AM 10:20AM	Maleki, S.		1.00
PHY-310L-01	Adv Topics in Physics 1 Lab		NWSE 014	T 01:55PM 04:45PM	Maleki, S.		0.00
PHY-490-20	Physics Research 1		TBA		Staff		0.00
PHY-491-20	Physics Research 2		TBA		Staff	WS	2.00
PHY-492-20	Physics Research 3		TBA		Staff	WS	1.00
PHY-493-20	Physics 1-Term Research		TBA		Staff	WS	1.00

### Political Science

PSC-111-01	Introduction to U.S. Politics		LIPM 016+	MWF 10:30AM 11:35AM	Hays, B.	SOCS	1.00
PSC-112-01	Intro Global Politics		HUMN 115	MWF 09:15AM 10:20AM	Angrist, M.P.	SOCS	1.00
PSC-112-02	Intro Global Politics		LIPM 017+	TTH 09:00AM 10:45AM	Lobe, T.	SOCS	1.00
PSC-113-01	Intro to Political Thought		LIPM 012+	MWF 08:00AM 09:05AM	Seri, G.		1.00
PSC-216-01	African Politics		NWSE 116	TTH 01:55PM 03:40PM	Angrist, M.P.		1.00
PSC-223-01	Crit Comp in Politics		LIPM 101+	TTH 10:55AM 12:40PM	Hislope, R.	WAC	1.00
PSC-243-01	Latin American Politics		LIPM 014+	MWF 11:45AM 12:50PM	Seri, G.	LCC	1.00
PSC-276-01	U.S. Drug Policy		LIPM 014+	MWF 01:50PM 02:55PM	Nicholas, P.		1.00
PSC-277-01	Local Political Internships		TBA		Hislope, R.		1.00
PSC-278-01	Politics of Food		WLDC 225+	TTH 10:55AM 12:40PM	Lyons, J.		1.00
PSC-283-01	Soc Movemnts, Envrmt & Society		LIPM 012+	TTH 10:55AM 12:40PM	Goldner, M.A.		1.00
PSC-295H-20	Pol Sci Honors Ind Project 1		TBA		Staff		0.00
PSC-296H-20	Pol Sci Honors Ind Project 2		TBA		Staff		1.00
PSC-332-01	Amer Political Thought to WWI		NWSE 116	MW 03:05PM 04:45PM	Brown, C.		1.00
PSC-358R-01	Wealth & Power Among Nations		LIPM 101+	TTH 09:00AM 10:45AM	Dallas, M.	WAC	1.00
PSC-359-01	Sem: Human Rights	Y	LIPM 200+	TTH 01:55PM 03:40PM	Lobe, T.	WAC	1.00
PSC-370-01	Constitutional Law		LIPM 101+	MW 03:05PM 04:45PM	Hays, B.		1.00
PSC-490A-20	Independent Study		TBA		Staff		1.00
PSC-498-20	Political Sci Senior Thesis		TBA		Staff		0.00
PSC-499-20	Pol Science Senior Thesis 2		TBA		Staff	WS	1.00

### Psychology

PSY-100-01	Intro to Psychology		BAIL 312+	MWF 08:00AM 09:05AM	DeBono, K.	SOCS	1.00
PSY-100-02	Intro to Psychology		OLIN 115+	TTH 01:55PM 03:40PM	Hart, J.J.	SOCS	1.00
PSY-200-01	Statistical Methods in Psych	Y	BAIL 300	MWF 09:15AM 10:20AM	Stanhope, L.		1.00
PSY-200-02	Statistical Methods in Psych	Y	HUMN 112+	MWF 09:15AM 10:20AM	Romero, S.G.		1.00
PSY-211-01	Sensation & Perception W/Lab	Y	BAIL 312+	MWF 10:30AM 11:35AM	Sutton, T.	SCLB/WAC	1.00
PSY-211L-01	Sensation and Perception Lab		BAIL 303	M 01:50PM 03:40PM	Sutton, T.		0.00
PSY-211L-02	Sensation and Perception Lab		BAIL 303	W 01:50PM 03:40PM	Sutton, T.		0.00
PSY-220-01	Psy of Memory & Thinking W/Lab	Y	BAIL 312+	MWF 09:15AM 10:20AM	Burns, D. J.	WAC	1.00
PSY-220L-01	Memory & Thinking Lab		BAIL 303	T 09:00AM 10:50AM	Burns, D. J.		0.00
PSY-220L-02	Memory & Thinking Lab		BAIL 303	T 01:55PM 03:45PM	Burns, D. J.		0.00
PSY-230-01	Social Psychology		BAIL 312+	TTH 10:55AM 12:40PM	Hart, J.J.		1.00
PSY-240-01	Developmental Psychology	Y	BAIL 300	MWF 11:45AM 12:50PM	Stanhope, L.	WAC	1.00
PSY-242-01	Death and Dying		BAIL 312+	TTH 09:00AM 10:45AM	Weisse, C.	WAC	1.00
PSY-250-01	Abnormal Psychology	Y	GCTR 116+	TTH 09:00AM 10:45AM	Nydegger, R.V.		1.00
PSY-251-01	Personality		BAIL 300	TTH 10:55AM 12:40PM	Donaldson, G.	WAC	1.00
PSY-255-01	Psychology of Addiction	Y	BAIL 312+	MW 03:05PM 04:45PM	Dowling, T.		1.00
PSY-295H-20	Psy Honors Ind Project 1		TBA		Staff		0.00
PSY-296H-20	Psy Honors Ind Project 2		TBA		Staff		1.00
PSY-300-01	Research Methods in Psy W/Lab	Y	BAIL 312+	MWF 01:50PM 02:55PM	Fessel, F.	WAC	1.00
PSY-300L-01	Research Methods in Psy Lab		BAIL 303	TH 09:00AM 11:50AM	Fessel, F.		0.00
PSY-300L-02	Research Methods in Psy Lab		BAIL 303	TH 01:55PM 04:45PM	Fessel, F.		0.00
PSY-311-01	Animal Behavior		BAIL 201+	TTH 10:55AM 12:40PM	Fleishman, L.		1.00
PSY-402-01	Honors Seminar Pt 1	Y	BAIL 306	MW 07:00PM 08:45PM	Hart, J.J.		0.00
					Chabris, C.		
PSY-411-01	Clinical Neuropsychology	Y	BAIL 306	TTH 01:55PM 03:40PM	Anderson-Hanley, C.	WAC/S	1.00
PSY-431-01	Sem: Psych of Religion	Y	SORM 111+	TTH 10:55AM 12:40PM	DeBono, K.	WAC/S	1.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
PSY-487-20	Psychology 3 Term Thesis - 1		TBA		Staff		0.00
PSY-488-20	Psychology 3 Term Thesis - 2		TBA		Staff		0.00
PSY-489-20	Psychology 3 Term Thesis - 3		TBA		Staff		1.00
PSY-490A-20	Independent Study		TBA		Staff		1.00
PSY-495-01	Psych 1-Term Senior Project		TBA		Benack, S.	WS	1.00
PSY-498-20	Psychology Thesis 1		TBA		Staff		0.00
PSY-499-20	Psychology Thesis 2		TBA		Staff	WS	1.00

### Religious Studies

CLS-132-01	Religion in the Pagan World		OLIN 115+	MWF 08:00AM 09:05AM	Mueller, H.	LCC	1.00
EGL-226-01	World of the Bible		NWSE 116	MWF 10:30AM 11:35AM	Heinegg, P.		1.00
HST-171-01	Europe & Americas:Columbus Era		WLDC 128+	MWF 09:15AM 10:20AM	McIntyre, K.	LCC	1.00
HST-240-01	The Crusades		HUMN 115	MWF 11:45AM 12:50PM	Sargent, S.		1.00
PHL-261-01	Philosophy of Religion		NWSE 116	MWF 01:50PM 02:55PM	Davis, F.	WAC	1.00
PHL-338-01	Zen and Tibetan Buddhism		NWSE 116	TTH 10:55AM 12:40PM	Patrik, L.	LCC/WAC	1.00
PSY-431-01	Sem: Psych of Religion	Y	SORM 111+	TTH 10:55AM 12:40PM	DeBono, K.	WAC/S	1.00
REL-103-01	Intro to Religious Studies		WLDC 225+	MWF 10:30AM 11:35AM	Solovieva, O.	HUL/LCC	1.00
REL-255-01	Religion, Body Sexuality		WLDC 225+	MWF 01:50PM 02:55PM	Solovieva, O.	HUL	1.00
REL-295H-20	Rel Honors Ind Project 1		TBA		Staff		0.00
REL-296H-20	Rel Honors Ind Project 2		TBA		Staff		1.00
REL-490A-20	Independent Study		TBA		Staff		1.00
REL-498-20	Religious Studies Sr. Thesis 1		TBA		Staff		0.00
REL-499-20	Religious Studies Sr Thesis 2		TBA		Staff		1.00

### Russia & East Europe

REE-498-20	Russia & East Europe Thesis 1		TBA		Staff		0.00
REE-499-20	Russia & East Europe Thesis 2		TBA		Staff	WS	1.00

### Russian

Before signing up for your first Russian course at Union, you must check with the Modern Language Department in Humanities Building.

RUS-100-01	Basic Russian 1	Y	LIPM 010+	MWF 09:15AM 10:20AM	Arndt, C.		1.00
RUS-200-01	Intermediate Russian 1		LIPM 010+	MWF 11:45AM 12:50PM	Pease, A.		1.00
RUS-490-01	Russian Independent Study 1		BEUT 104+	MWF 03:05PM 04:10PM	Arndt, C.		1.00

### Science, Medicine & Technology in Culture

ANT-230-01	Medical Anthropology		LIPM 014+	MWF 09:15AM 10:20AM	Jarrin, A.	LCC	1.00
CSC-080-01	History of Computing		OLIN 306+	MW 03:05PM 04:45PM	Webb, N.	WAC	1.00
CSC-104-01	Robots Rule w/lab		OLIN 107+	MWF 10:30AM 11:35AM	Webb, N.	SET/QMR	1.00
			OLIN 107+	TH 10:55AM 12:40PM			
ENS-100-01	Intro to Environ Studies W/Lab	Y	OLIN 307+	TTH 09:00AM 10:45AM	Verheyden, A.	SCLB	1.00
ENS-100L-01	Intro to Environ Studies Lab		OLIN 306+	T 01:55PM 04:45PM	Verheyden, A.		0.00
ENS-100L-02	Intro to Environ Studies Lab		OLIN 306+	TH 01:55PM 04:45PM	Verheyden, A.		0.00
ESC-100-01	Exploring Engineering		HUMN 112+	TTH 08:45AM 09:50AM	Hedrick, J.N.	SET	1.00
			OLIN 115+	T 09:55AM 10:45AM			
ESC-100-02	Exploring Engineering		NWSE 222+	MW 01:50PM 02:55PM	Azizi, S.	SET	1.00
			OLIN 115+	T 09:55AM 10:45AM			
ESC-100-03	Exploring Engineering		NWSE 222+	MW 03:05PM 04:10PM	Wicks, F.	SET	1.00
			OLIN 115+	T 09:55AM 10:45AM			
ESC-100-04	Exploring Engineering		OLIN 115+	T 09:55AM 10:45AM	Wehe, S.	SET	1.00
			STZH 106+	TTH 10:55AM 12:00PM			
ESC-100-05	Exploring Engineering		HUMN 008+	MW 01:50PM 02:55PM	Wicks, F.	SET	1.00
			OLIN 115+	T 09:55AM 10:45AM			
ESC-100-06	Exploring Engineering		STZH 106+	TTH 08:45AM 09:50AM	Elacqua, A.	SET	1.00
			OLIN 115+	T 09:55AM 10:45AM			
ESC-100L-01	Exploring Engineering Lab		NWSE 222+	T 01:55PM 04:45PM	Hedrick, J.N.		0.00
ESC-100L-02	Exploring Engineering Lab		WLDC 128+	TH 09:00AM 11:50AM	Azizi, S.		0.00
ESC-100L-03	Exploring Engineering Lab		NWSE 222+	TH 01:55PM 04:45PM	Wicks, F.		0.00
ESC-100L-04	Exploring Engineering Lab		STZH 106+	TH 01:55PM 04:45PM	Wehe, S.		0.00
ESC-100L-05	Exploring Engineering Lab		NWSE 222+	TH 09:00AM 11:50AM	Wicks, F.		0.00
ESC-100L-06	Exploring Engineering Lab		STZH 106+	T 01:55PM 04:45PM	Elacqua, A.		0.00
GEO-100-01	Intro to Phys Geology w/lab	Y	OLIN 307+	MWF 10:30AM 11:35AM	Hollocher, K.	SCLB/WAC	1.00
HST-138-01	Big History		OLIN 115+	TTH 10:55AM 12:40PM	Walker, M.		1.00
HST-242-01	The Scientific Revolution		HUMN 014+	MWF 11:45AM 12:50PM	Richmond, J.		1.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
SMT-490A-20	SMT Independent Study		TBA		Staff		1.00
SMT-498-20	SMT Thesis Part 1		TBA		Staff		0.00
SMT-499-20	SMT Thesis Part 2		TBA		Staff		1.00
SOC-270-01	Soc Movemnts, Envrmt & Society		LIPM 012+	TTH 10:55AM 12:40PM	Goldner, M.A.		1.00

### Sociology

SOC-100-01	Intro to Sociology		LIPM 016+	TTH 09:00AM 10:45AM	Grigsby, J.	SOCS	1.00
SOC-100-02	Intro to Sociology		HUMN 019+	MWF 03:05PM 04:10PM	Relyea, L.G.	SOCS	1.00
SOC-203-01	Social Psychology		BAIL 312+	TTH 10:55AM 12:40PM	Hart, J.J.		1.00
SOC-205-01	Social Work & Human Services		LIPM 012+	MW 03:05PM 04:45PM	Mertz, L.		1.00
SOC-212-01	Sociology of the Family		OLIN 106+	TTH 09:00AM 10:45AM	Hill-Butler, D.	LCC	1.00
SOC-231-01	Sex & Gender in America		OLIN 106+	TTH 01:55PM 03:40PM	Hill-Butler, D.		1.00
SOC-270-01	Soc Movemnts, Envrmt & Society		LIPM 012+	TTH 10:55AM 12:40PM	Goldner, M.A.		1.00
SOC-295H-20	Sociology Honors Ind Project 1		TBA		Staff		0.00
SOC-296H-20	Sociology Honors Ind Project 2		TBA		Staff		1.00
SOC-300-01	Quantitative Social Research	Y	OLIN 306+	MWF 08:00AM 09:05AM	Cotter, D.		1.00
SOC-490A-20	Independent Study		TBA		Staff		1.00
SOC-498-20	Sociology Senior Thesis 1		TBA		Staff		0.00
SOC-499-20	Sociology Senior Thesis 2		TBA		Staff	WS	1.00

### Sophomore Research Seminar

SRS Sections cannot be added or changed without permission from K. Basirico, Olin 219

SRS-200-01	Sophomore Research Seminar		LIPM 012+	TTH 09:00AM 10:45AM	Barr, V.		1.00
SRS-200-02	Sophomore Research Seminar		BAIL 207+	TTH 09:00AM 10:45AM	Cass, A.		1.00
SRS-200-03	Sophomore Research Seminar		MESA 105+	TTH 09:00AM 10:45AM	Clark, C.C.		1.00
SRS-200-04	Sophomore Research Seminar		HUMN 008+	TTH 09:00AM 10:45AM	Feffer, A.		1.00
SRS-200-05	Sophomore Research Seminar		COLC 301	MWF 10:30AM 11:35AM	Foroughi, A.R.		1.00
SRS-200-06	Sophomore Research Seminar		WLDC 010+	TTH 09:00AM 10:45AM	Klein, D. Traver, C.		1.00
SRS-200-07	Sophomore Research Seminar		NWSE 210+	TTH 09:00AM 10:45AM	Madancy, J.		1.00
SRS-200-08	Sophomore Research Seminar		LIPM 014+	MWF 10:30AM 11:35AM	Nicholas, P.		1.00
SRS-200-09	Sophomore Research Seminar		GREN 105+	TTH 09:00AM 10:45AM	Peterson, B.		1.00
SRS-200-10	Sophomore Research Seminar		BAIL 300	MWF 10:30AM 11:35AM	Romero, S.G.		1.00
SRS-200-11	Sophomore Research Seminar		HUMN 016+	TTH 09:00AM 10:45AM	Toher, M.		1.00
SRS-200-12	Sophomore Research Seminar		OLIN 211	TTH 09:00AM 10:45AM	Walker, M.		1.00
SRS-200-13	Sophomore Research Seminar		HUMN 112+	MWF 10:30AM 11:35AM	Christensen, P.		1.00

### Spanish

Before signing up for your first Spanish course at Union, you must check with the Modern Language Department in Humanities Building.

SPN-100-01	Basic Spanish 1	Y	HUMN 117+	MWF 03:05PM 04:10PM	Henseler, C.		1.00
SPN-200-01	Intermediate Spanish 1		HUMN 115	MWF 01:50PM 02:55PM	Osuna, M.		1.00
SPN-200-02	Intermediate Spanish 1		HUMN 115	MWF 03:05PM 04:10PM	Osuna, M.		1.00
SPN-201-01	Intermediate Spanish 2		HUMN 016+	MWF 01:50PM 02:55PM	Henseler, C.		1.00
SPN-201-02	Intermediate Spanish 2		HUMN 016+	MWF 11:45AM 12:50PM	Henseler, C.		1.00
SPN-202-01	Intermediate Spanish 3		LIPM 201+	MWF 01:50PM 02:55PM	Martinez, V.		1.00
SPN-203-01	Advanced Spanish	Y	HUMN 008+	MWF 11:45AM 12:50PM	Ignizio, G.	WAC	1.00
SPN-203-02	Advanced Spanish	Y	LIPM 201+	MWF 09:15AM 10:20AM	Mosquera, D.	WAC	1.00
SPN-295H-20	Spanish Honors Ind Project 1		TBA		Staff		0.00
SPN-296H-20	Spanish Honors Ind Project 2		TBA		Staff		1.00
SPN-315-01	Spanish Film Since 1950		WLDC 225+	MW 03:05PM 04:45PM	Ignizio, G.	HUL/LCC/WAC	1.00
SPN-335-01	SPN For Medical Professions		HUMN 117+	TTH 10:55AM 12:40PM	Moyano, P.	HUL/LCC/WAC	1.00
SPN-406-01	Film of the Mex-Ameri Border		HUMN 014+	MWF 10:30AM 11:35AM	Martinez, V.	LCC/WAC	1.00
SPN-408-01	Art & Politics in Spain		HUMN 014+	TTH 01:55PM 03:40PM	Moyano, P.	HUL/LCC/WAC	1.00
SPN-490A-20	Independent Study		TBA		Staff		1.00

### Studio Arts

\*Students requesting petitions for AVA-010 will be contacted and must meet with instructor prior to faculty approval.

\*\*Students must bring 35mm SLR film camera to first AVA-120 class to use during term.

*AVA-010-01	Ceramics 1 Practicum	Y	VART VAS	W 04:00PM 06:00PM	Niefield, N.		0.00
AVA-020-01	Ceramics 2 Practicum		VART VAS	W 06:00PM 08:00PM	Niefield, N.		0.00
AVA-030-01	Ceramics 3 Practicum		VART VAS	W 06:00PM 08:00PM	Niefield, N.		0.00
AVA-100-01	Design Fundamentals 1		VART 103	TTH 09:00AM 12:20PM	Wimer, S.		1.00

Course#	Title	Petition	Location	Meeting Time	Instructor	GenEd	Credit
AVA-110-01	Drawing 1	Y	VART 207	TTH 01:55PM 04:40PM	Hatke, W.		1.00
**AVA-120-01	Photography 1	Y	VART 206	TTH 09:00AM 12:40PM	McDaniel, M.		1.00
**AVA-120-02	Photography 1	Y	VART 206	TTH 01:55PM 04:40PM	McDaniel, M.		1.00
AVA-130-01	Sculpture 1		VART 109	TTH 09:00AM 12:00PM	Duncan, C.		1.00
			VART 111	TTH 09:00AM 12:00PM			
AVA-160-01	Digital Art	Y	OLIN 110+	TTH 01:55PM 04:45PM	Orellana, F.		1.00
AVA-230-01	Sculpture 2		VART 109	TTH 12:50PM 04:40PM	Duncan, C.		1.00
			VART 111	TTH 12:50PM 04:40PM			
AVA-260-01	Painting in Oil		VART 316	TTH 09:00AM 12:40PM	Hatke, W.		1.00
AVA-295H-20	Studio Arts Honors Ind Proj 1		TBA		Staff		0.00
AVA-296H-20	Studio Arts Honors Ind Proj 2		TBA		Staff		1.00
AVA-330-01	Sculpture 3		VART 109	TTH 12:50PM 04:40PM	Duncan, C.		1.00
			VART 111	TTH 12:50PM 04:40PM			
AVA-360-01	Advanced Painting		VART 315	TTH 09:00AM 12:40PM	Hatke, W.		1.00
AVA-363-01	3D Computer Modeling		OLIN 110+	TTH 09:00AM 11:50AM	Orellana, F.		1.00
AVA-410A-20	Drawing Independent Study		TBA		Staff		1.00
AVA-420A-20	Photography Independent Study		TBA		Staff		1.00
AVA-430A-20	Sculpture Independent Study		TBA		Staff		1.00
AVA-450A-20	Printmaking Independent Study		TBA		Staff		1.00
AVA-460A-20	Painting Independent Study		TBA		Staff		1.00
AVA-480A-20	Digital Art Independent Study		TBA		Staff		1.00
AVA-497-20	Senior Studio Project		TBA		Staff	WS	1.00
AVA-498-20	Visual Arts Senior Thesis 1		TBA		Staff		0.00
AVA-499-20	Visual Arts Senior Thesis 2		TBA		Staff	WS	1.00

#### Swahili

SWA-100-01	Swahili	Y	BEUT 104+	MW 07:00PM 08:45PM	Rubin, J.		1.00
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#### Theater

ATH-010-01	Theatre Practicum		YULM THR	TBA TBA	Finlay, W.		0.00
ATH-110-01	Stagecraft 1		YULM THR	TTH 09:00AM 10:45AM	Bovard, R.		1.00
ATH-112-01	Acting I		YULM THR	TTH 09:00AM 10:45AM	Culbert, P.		1.00
ATH-113-01	Intro to Stage Design		YULM THR	TTH 01:55PM 04:40PM	Steckler, C.		1.00
ATH-122-01	Intro to Costume Design		YULM THR	TTH 09:00AM 10:45AM	Belz, B.		1.00
ATH-140-01	Amer Musical Theater & Dance		VART 215+	TTH 09:00AM 10:45AM	Mouillet, M.		1.00
ATH-151-01	Directing		YULM THR	MW 03:05PM 04:45PM	Finlay, W.		1.00
ATH-226-01	Stagecraft 2		YULM THR	TTH 09:00AM 10:45AM	Bovard, R.		1.00
ATH-231-01	Voice for the Stage		YULM THR	TTH 10:55AM 12:40PM	Culbert, P.		1.00
ATH-295H-20	Theatre Honors Ind Project 1		TBA		Staff		0.00
ATH-296H-20	Theatre Honors Ind Project 2		TBA		Staff		1.00
ATH-497-20	Theatre Senior Project		TBA		Staff	WS	1.00
ATH-498-20	Theatre Senior Project 1		TBA		Staff		0.00
ATH-499-20	Theatre Senior Project 2		TBA		Staff	WS	1.00

#### Women's & Gender Studies

ANT-184-01	Contemporary Japanese Society		LIPM 017+	MWF 01:50PM 02:55PM	Christensen, P.	LCC	1.00
ANT-225-01	Gender & Society		LIPM 017+	MWF 11:45AM 12:50PM	Jarrin, A.	LCC	1.00
ANT-230-01	Medical Anthropology		LIPM 014+	MWF 09:15AM 10:20AM	Jarrin, A.	LCC	1.00
CLS-146-01	Sex/Gender:Classical Antiquity		OLIN 115+	MWF 01:50PM 02:55PM	Tan, J. K.	LCC	1.00
HST-125-01	America in the Sixties		BAIL 201+	TTH 01:55PM 03:40PM	Feffer, A.		1.00
HST-171-01	Europe & Americas:Columbus Era		WLDC 128+	MWF 09:15AM 10:20AM	McIntyre, K.	LCC	1.00
REL-255-01	Religion, Body Sexuality		WLDC 225+	MWF 01:50PM 02:55PM	Solovieva, O.	HUL	1.00
SOC-205-01	Social Work & Human Services		LIPM 012+	MW 03:05PM 04:45PM	Mertz, L.		1.00
SOC-212-01	Sociology of the Family		OLIN 106+	TTH 09:00AM 10:45AM	Hill-Butler, D.	LCC	1.00
SOC-231-01	Sex & Gender in America		OLIN 106+	TTH 01:55PM 03:40PM	Hill-Butler, D.		1.00
WGS-100-01	Intro Women's & Gender Studies		LIPM 101+	MWF 11:45AM 12:50PM	Marso, L.J.		1.00
WGS-295H-20	Women Gender Honor Ind Proj 1		TBA		Staff		0.00
WGS-296H-20	Women Gender Honor Ind Proj 2		TBA		Staff		1.00
WGS-490A-20	Independent Study		TBA		Staff		1.00
WGS-498-20	Womens Studies Sr Thesis 1		TBA		Staff		0.00
WGS-499-20	Womens Studies Sr Thesis 2		TBA		Staff	WS	1.00